DocuPrint C3300 DX/C2200
User Guide

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2. Parts of this manual are subject to change without prior notice.
3. We welcome any comments on ambiguities, errors, omissions, or missing pages.
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Preface

Thank you for purchasing the DocuPrint C3300 DX/C2200.

This guide explains how to operate this printer and the precautions that must be followed during operation.

To get the most out of this printer and to use it effectively, be sure to read this guide before use.

This guide assumes you are familiar with computers and the basics of network operation and configuration.

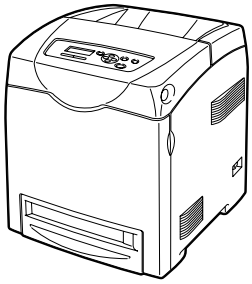
After reading this guide, keep it safe and handy for future reference.

Fuji Xerox shares the global concern about environmental conservation and has integrated that concern in its business activities from research and development to disposal. We have implemented a number of programs to lessen the burden on the environment. For example, we have totally eliminated ozone-depleting chlorofluorocarbons from our manufacturing facilities.
We are committed to leadership in the conservation of resources by reusing and recycling post-consumer waste material such as paper, cartridges, and parts from our customer's copiers and printers. Along with our efforts to make environmental values a part of the Fuji Xerox culture, the DocuPrint C3300 DX/C2200 adopts recycled components that satisfy our strict quality standards.

DocuPrint C3300 DX/C2200 Features

■ Easy-to-Use, Compact, High Image Quality Printer

- The compact size easily fits on your desktop.



- The oil-free fusing technology produces printouts that you can easily write and place sticky-notes on.
- Prints all types of documents in the optimal print quality.

■ Handles a Variety of Paper Sizes and Types

- Accepts non-standard size paper and other special media in the paper tray.

■ Wide Range of Print Features

- Multiple-Up

  Prints multiple pages onto one sheet of paper.
- 2 Sided Print[*1]
- Booklet Creation[*1]
- Poster

  Used when creating posters.
- Watermarks[*2]

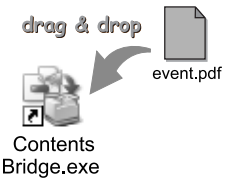
  Adds a watermark such as "Confidential" underneath an original image.
- Sample Print[*3]

  Allows you to print a proof copy and print the entire sets after verifying the print result.
- Saved Settings

  Lists frequently-used print settings in the [Saved Settings] drop-down list box. You can apply the print setting by simply selecting an item from the drop-down list box. This feature also allows you to program frequently-used print settings.
- Secure Print[*3]

  Stores a password-protected document in the printer until you enter its password on the control panel. This feature is ideal for printing confidential documents.
- PDF Bridge Feature

  ContentsBridge Utility enables direct printing of PDF files by simply dragging and dropping files onto its icon. This feature allows fast printing without using any application.



■ Network Features

- CentreWare Internet Services

  Monitors and remotely configures the printer using a web browser.
- Communication Encryption[*4]

  Prevents information leakage caused by unauthorized access.
- Print User Control

  Controls access to the printer by the Authentication feature.
- Data Reception Control

  Controls access to the printer by IP address (when a LPD or Port9100 port is used).

[*1]: Can be performed using the 2-sided printing feature.
[*2]: Not supported on Windows x64.
[*3]: The hard disk or the additional memory (optional) must be installed.
[*4]: The data encryption feature is not supported on the model available in China.

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Types of Manuals

The following manuals are included with the DocuPrint C3300 DX/C2200.

Setup Guide	Provides step-by-step instructions on how to set up your printer.
User Guide (PDF) (This guide)	Describes how to get ready to print and set various print features. It also covers the control panel menus, troubleshooting tips, and maintenance information. • This guide is on the CD-ROM of the Driver CD Kit.
CD-ROM Documentation (HTML)	Describes how to set up the printer's operating environment and to install a print driver and various Fuji Xerox software. • This guide is on the CD-ROM of the Driver CD Kit.
PostScript® User Guide (PDF)	Describes how to set up your printer as a PostScript® printer and the features that can be configured on your print driver. • This guide is on the PostScript Driver Library CD-ROM.

Note

- To view PDF files, you must have Adobe® Acrobat® Reader® or Adobe® Reader® installed on your computer. If you do not have it installed, install it from the CD-ROM of the Driver CD Kit.

Using This Guide

Organization

This guide is organized into the following chapters. The summary of each chapter is as follows:

1 Printer Environment Setting	Describes how to set up the printer's operating environment.
2 Basic Operation	Provides the names and functions of the printer's components and the basic operating procedures (such as switching the power on/off and cancelling print jobs).
3 Print	Describes various printing methods using the PCL print driver.
4 Paper	Describes the supported paper types and how to load paper in the printer.
5 Control Panel Menus	Describes the control panel menus and how to configure them.
6 Troubleshooting	Contains problem solving procedures that help quickly resolve problems (such as paper jams and errors).
7 Maintenance	Provides maintenance information, such as replacing consumables and printing various reports/lists. It also contains information intended for the administrators, such as CentreWare Internet Services (a tool that enables monitoring and remotely configuring the printer), various security features, and the Authentication and Auditron Administration features.
A Appendix	Describes the printer specifications, optional accessories, life of consumables, and how to obtain the product information.
Control Panel Menu Tree	Describes a menu tree showing the items that can be configured on the control panel.

Conventions

1. In this guide, personal computers and workstations are collectively called "computers".

2. The following terms are used throughout this guide:

   Important : Important information that must be read and followed.

   Note : Additional information that merits emphasis.

   Refer to " " : References within this guide.

   Refer to ‘ ’ : References to other publications.

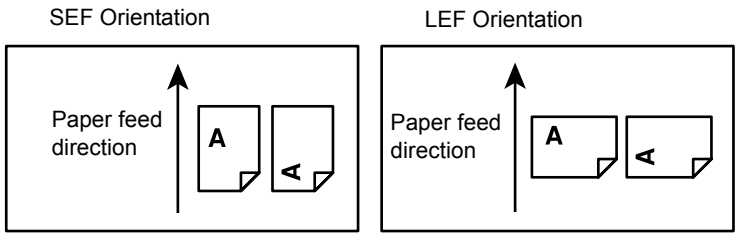
3. The following symbols are used throughout this guide:

   [ ] : The names of the menu items on your computer or the printer's control panel display, or the names of the reports/lists that can be printed from the printer.

   < > : The names of the keys on your computer keyboard or the hardware buttons or lamps on the printer's control panel.

   > : The hierarchies of the menus on the control panel display, print driver, or CentreWare Internet Services.

4. Orientation of paper is described in this guide as follows:
   , Short Edge Feed (SEF): Loading with one of the short edges of the paper.
   , Long Edge Feed (LEF): Loading with one of the long edges of the paper.



5. The illustrations and screen shots used in this guide are those of the DocuPrint C3300 DX.

Safety Notes

Before using this product, read "Safety Notes" carefully for safety use.

This product and recommended supplies have been tested and found to comply with strict safety requirements including safety agency approvals and compliance with environmental standards. Follow the following instructions for safety use.

⚠WARNING Any unauthorized alteration including an addition of new functions or connection to external devices may not be covered by the product warranty. Contact your local Fuji Xerox representative for more information.

Follow all warning instructions marked on this product. The warning marks stand for the followings:

⚠DANGER	Used for item that if not followed strictly, can lead death or severe or fatal injuries and the possibility to do it is comparatively high.
⚠WARNING	Used for items that if not followed strictly, can lead to severe or fatal injuries.
⚠CAUTION	Used for items that if not followed strictly, can cause injuries to user or damages to machine.
	△ : A symbol for items to pay attention to when handling machine. Follow instructions carefully to use machine safely. Caution, Flammable, Explodable, Electric shock, Heated surface, Moving object, Pinched fingers
	⃠ : A symbol for prohibited items. Follow instructions carefully to avoid any dangerous acts. Prohibited, No fire, Do not touch, Do not use in bathroom, Do not tear down, Keep away from wet, Never touch with wet hand
	● : A symbol for items that must be performed. Follow instructions carefully to carry out these essential tasks. Instructions, Unplug, Ground/ Earth

Electrical Safety

⚠WARNING

This product shall be operated by the power source as indicated on the product's data plate. Consult your local power company to check if your power source meets the requirements.

⚠WARNING Connect this product to a protective earth circuit.

This product is supplied with a plug that has a protective earth pin. The plug fits only into an earthed electrical outlet. This is a safety feature. If the plug doesn't fit to the outlet, contact an electrician to replace the outlet to avoid risk of electric shock. Never use an

earthed adapter plug to connect the product to the electrical outlet that has no earth connection terminal.

Improper connection of a grounding conductor may cause electric shock.

Plug the power cord directly into a grounded electrical outlet. To prevent overheat and a fire accident, do not use an extension cord, a multi-plug adaptor or a multiple connector. Consult your local Fuji Xerox representative to check if an outlet is grounded.

Connect this product to a branch circuit or an outlet that has larger capacity than the rated ampere and voltage of this product. See the data plate on the rear panel of this product for its rated ampere and voltage.

Never touch the power cord with wet hands. It may cause electric shock.

Do not place an object on the power cord.

Always keep the plug connection free of dust. The dusty and damp environment may bring about minute electric current in a connector. It may generate heat and eventually cause a fire accident.

To avoid the risk of electric shock and a fire accident, only use the power cord supplied with this product or the ones designated by Fuji Xerox.

The power cord is exclusive use for this product. Do not use it for any other product.

Do not damage or alter the power cord. Damage and alteration may generate heat and eventually cause electric shock or a fire accident.

If the power cord is damaged or insulated wires are exposed, contact your local Fuji Xerox representative for its replacement. Do not use a damaged or uninsulated cord to avoid the risk of electric shock and a fire accident.

⚠CAUTION

When cleaning this product, always switch off and unplug it. Access to a live machine interior may cause electric shock.

Do not unplug or re-plug this product with the switch on. Plugging and unplugging a live connector may deform the plug and generate heat, and eventually cause a fire accident.

Hold the plug not the cord when unplugging this product, or it may damage the cord and cause electric shock or a fire accident.

Always switch off and unplug the machine when it is not used over weekends or long holidays. It may cause deterioration of insulations and eventually electric shock or a fire accident.

Once a month, switch off this product and check if

- the power cord is plugged firmly into an electrical outlet;
- the plug is not excessively heated, rusted or bent;
- the plug and electrical outlet are free of dust; and
- the power cord is not cracked or worn down.

Once you notice any unusual condition, switch off and unplug this product first and contact your local Fuji Xerox representative.

Machine Installation

⚠WARNING

Do not locate this product where people might step on or trip over the power cord. Friction or excessive pressure may generate heat and eventually cause electric shock or a fire accident.

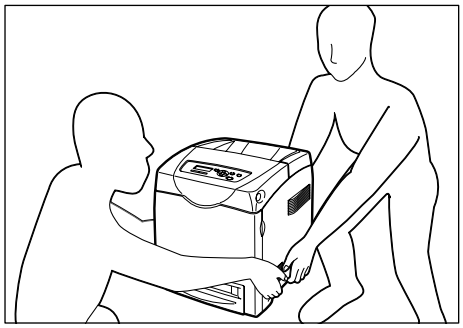
⚠CAUTION

Never locate this product in the following places:

- Near radiators or any other heat sources
- Near volatile flammable materials such as curtains
- In the hot, humid, dusty or poorly ventilated environment
- In the place receiving direct sunlight
- Near cookers or humidifiers

This product weighs 27.4 Kg (DocuPrint C3300 DX)/24.4 Kg (DocuPrint C2200). When moving it, always carry it by a team of two or more persons to avoid mishandling or injury.

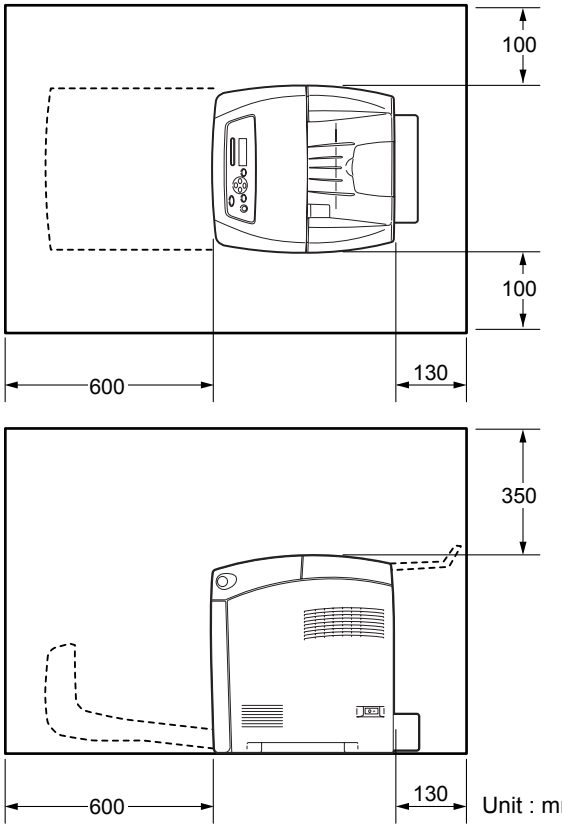
When lifting this product, firmly grip the recessed areas provided on both sides of the machine. Never lift it by gripping any other areas. It will prevent you from dropping the product and getting back ache or injuries.



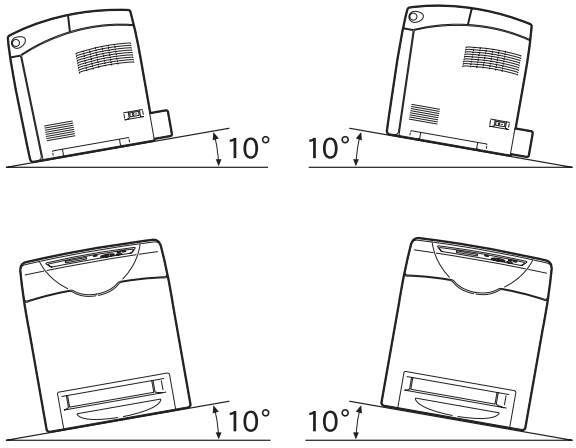
Locate this product on a level and sturdy surface that can withstand its weight. Otherwise, if tilted, the product may fall over and cause injuries.

Locate this product in a well-ventilated area. Do not obstruct ventilation openings of the product.

Keep the minimum clearance as follows for ventilation and an access to the power plug. Unplug the product if an abnormal condition is noted.



Do not incline the product at more than 10 degree angle. Otherwise, it may fall over and cause injuries.



Others

To keep this product in a good performance and condition, always use it in the following environment:

- Temperature: 10 - 32 °C
- Humidity: 15 - 85 %

When the product is left in a chilly room and the room is rapidly warmed up by heater, dew condensation may form inside the product and cause a partial deletion on printing.

Operational Safety

⚠WARNING

The operator's product maintenance procedures are described in the customer documentation supplied with this product. Do not carry out any other maintenance procedures not described in the documentation.

This product features safety design not to allow operators access to hazard areas. The hazard areas are isolated from operators by covers or protectors which require a tool to remove. To prevent electric shock and injuries, never remove those covers and protectors.

To avoid the risk of electric shock and a fire accident, switch off and unplug the product promptly in the following conditions, then contact your local Fuji Xerox representative.

- The product emits smoke or its surface is unusually hot.
- The product emits unusual noise or odor.
- The power cord is cracked or worn down.
- A circuit breaker, fuse or any other safety device is activated.
- Any liquid is spilled into the product.
- The product is soaked in water.
- Any part of the product is damaged.

Do not insert any object into slots or openings of this product.
Do not place any of the followings on the product:

- Liquid container such as flower vases or coffee cups
- Metal parts such as staples or clips
- Heavy objects

If liquid is spilled over or metal parts are slipped into the product, it may cause electric shock or a fire accident.

Do not use conductive paper such as origami paper, carbonic paper or conductively-coated paper. When paper jam occurs, it may cause short-circuit and eventually a fire accident.

When cleaning this product, use the designated cleaning materials exclusive to it. Other cleaning materials may result in poor performance of the product. Never use aerosol cleaners, or it may catch fire and cause explosion.

If you need to pull out a tray to remove paper jam, contact your local Fuji Xerox representative. Do not pull out a tray, otherwise it may cause injuries.

Never play the CD-ROM supplied with the product on an audio player. Always use a CD-ROM player. Otherwise, large sound may damage audio players or your ears.

Laser Safety

CAUTION : Any operations or adjustments not stated in the operation manual may cause hazardous light exposure and eventually burn injuries or loss of eyesight.

This product has been tested and found to comply with the Class 1 Laser Equipment requirements defined by the international standard IEC60825 and has no light exposure hazard. The product has no hazardous light emission as it features light protection components and covers to shut in all light beam during operation and maintenance.

⚠CAUTION

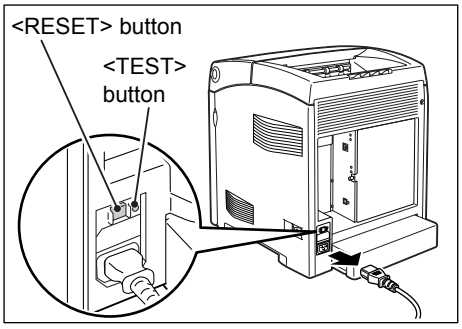
Always follow all warning instructions marked on or supplied with this product.

To avoid the risk of burn injuries and electric shock, never touch the area with the "High Temperature" or "High Voltage" marks on.

Keep electrical and mechanical safety interlocks active. Keep the safety interlocks away from magnetic materials. Magnetic materials may accidentally activate the product and cause injuries or electric shock.

A ground fault interrupter is embedded in this product. If current leakage occurs, the ground fault interrupter automatically cuts off power circuit to prevent electric shock and a fire accident. The ground fault interrupter is normally in the Reset position (where the <RESET> button is in a pressed-in state). Check once a month if the ground fault interrupter works properly in accordance with the following procedures:

1. Switch off the product.
2. Press the <TEST> button located on the rear left side of the product, with a thin stick or similar object.
3. Make sure that the <RESET> button is popped up.
4. After the confirmation, press the <RESET> button to exit the test mode.



If the circuit does not work properly, contact your local Fuji Xerox representative.

Do not attempt to remove a paper jammed deeply inside the product, particularly a paper wrapped around a fuser or a heat roller. Otherwise, it may cause injuries or burns. Switch off the product promptly and contact your local Fuji Xerox representative.

To move this product to another location, contact your local Fuji Xerox representative.

Ventilate well during extended operation or mass copying. It may affect the office air environment due to odor such as ozone in a poorly ventilated room. Provide proper ventilation to ensure the comfortable and safe environment.

Consumable

⚠WARNING

Store all consumables in accordance with the instructions given on its package or container.

Use a broom or a wet cloth to wipe off spilled toner. Never use a vacuum cleaner for the spills. It may catch fire by electric sparks inside the vacuum cleaner and cause explosion. If you spill a large volume of toner, contact your local Fuji Xerox representative.

Never throw a toner cartridge into an open flame. Remaining toner in the cartridge may catch fire and cause burn injuries or explosion.

If you have a used toner cartridge no longer needed, contact your local Fuji Xerox representative for its disposal.

⚠CAUTION

Keep drum cartridges (or drum if not a cartridge type) and toner cartridges out of the reach of children. If a child accidentally swallows toner, spit it out, rinse mouth with water, drink water and consult a physician immediately.

When replacing drum cartridges (or drum if not a cartridge type) and toner cartridges, be careful not to spill the toner. In case of any toner spills, avoid contact with clothes, skin, eyes and mouth as well as inhalation.

If toner spills onto your skin or clothing, wash it off with soap and water.

If you get toner particles in your eyes, wash it out with plenty of water for at least 15 minutes until irritation is gone. Consult a physician if necessary.

If you inhale toner particles, move to a fresh air location and rinse your mouth with water.

If you swallow toner, spit it out, rinse your mouth with water, drink plenty of water and consult a physician immediately.

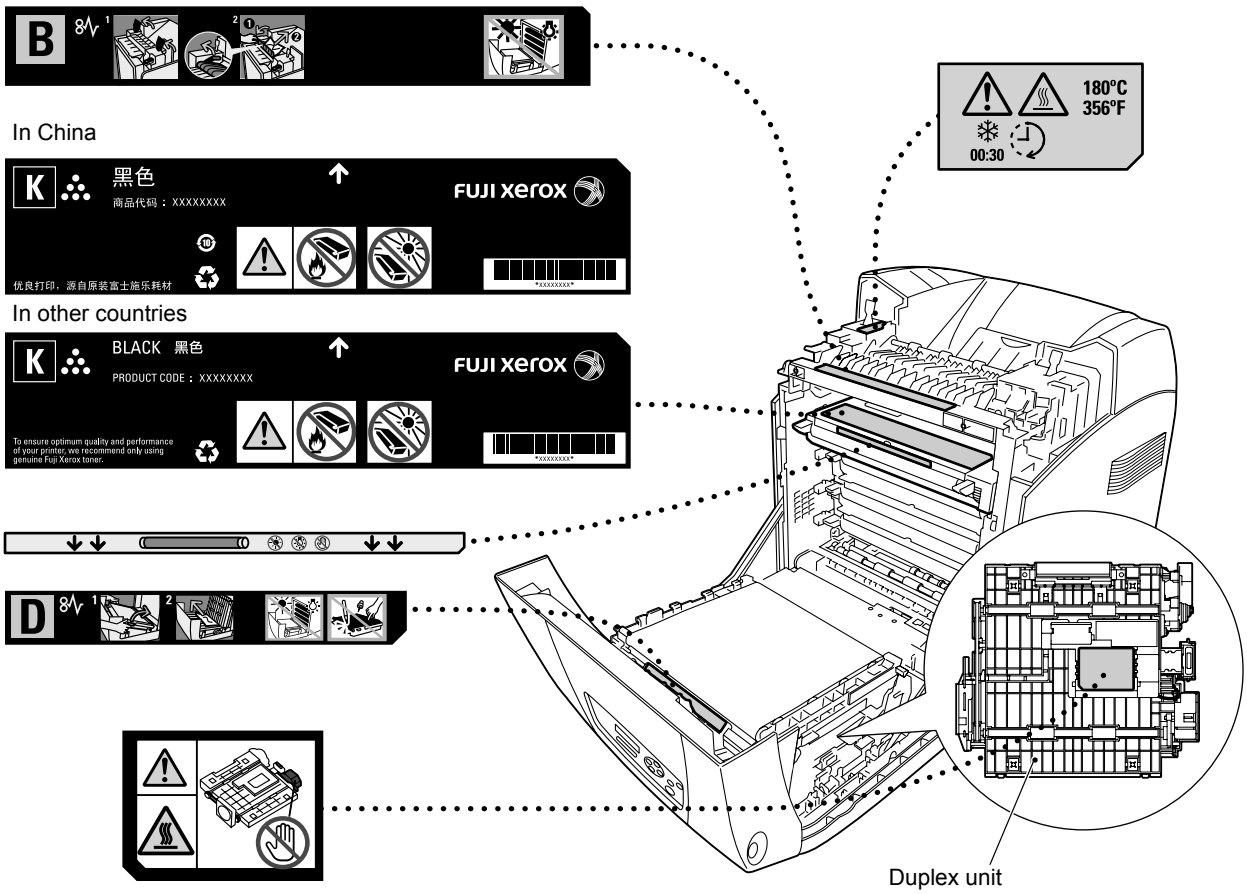
Fuser Safety

When removing the fuser unit, always switch off first and wait for 30 minutes until it cools off.

Warning and Caution Labels

Be sure to follow the warning and caution labels placed on the machine. Do not touch areas with labels indicating high voltage or temperature. This can cause an electric shock or burn.

⚠CAUTION Always follow all warning instructions marked on or supplied with this product. To avoid the risk of burn injuries and electric shock, never touch the area with the "High Temperature" or "High Voltage" marks on.



Environment

- Emissions of dust, ozone, benzene, total volatile organic compounds(TVOC) and styrene from this product have been tested and found to comply with the Eco Mark criteria on chemical emission for printers. According to the test procedures defined by Blue Angel RAL UZ-122: 2006 Appendix 2, the test was performed under the condition of monochrome copying, using the toner type DocuPrint C3300 DX/C2200 Toner cartridge (Black) that is recommended for this product.
- For environmental protection and efficient use of resources, Fuji Xerox reuses returned toner cartridges to make recycle parts, recycle materials or energy recovery.
- Proper disposal is required for toner cartridges no longer needed. Do not open toner cartridges containers. Return them to your local Fuji Xerox representative.

Regulation

Radio Frequency Emissions (Class B)

This product has been tested and found to comply with the limits for a Class B digital device, pursuant to the International Standard for Electromagnetic Interference (CISPR Publ. 22) and Radiocommunications Act 1992 in Australia/New Zealand. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This product generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this product does cause harmful interference to radio or television reception, which can be determined by turning this product off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between this product and the receiver.
- Connect this product into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Changes and modifications to this product not specifically approved by Fuji Xerox may void the user's authority to operate this product.

- Product Safety Certification (UL, CB)

  This product is certified by the following agency using the safety standards listed.

Agency	Standard
TUV Rheinland	IEC60950-1:ed. 1

Illegal Copies and Printouts

Copying or printing certain documents may be illegal in your country. Penalties of fines or imprisonment may be imposed on those found guilty. The following are examples of items that may be illegal to copy or print in your country.

- Currency
- Banknotes and checks
- Bank and government bonds and securities
- Passports and identification cards
- Copyright material or trademarks without the consent of the owner
- Postage stamps and other negotiable instruments

This list is not inclusive and no liability is assumed for either its completeness or accuracy. In case of doubt, contact your legal counsel.

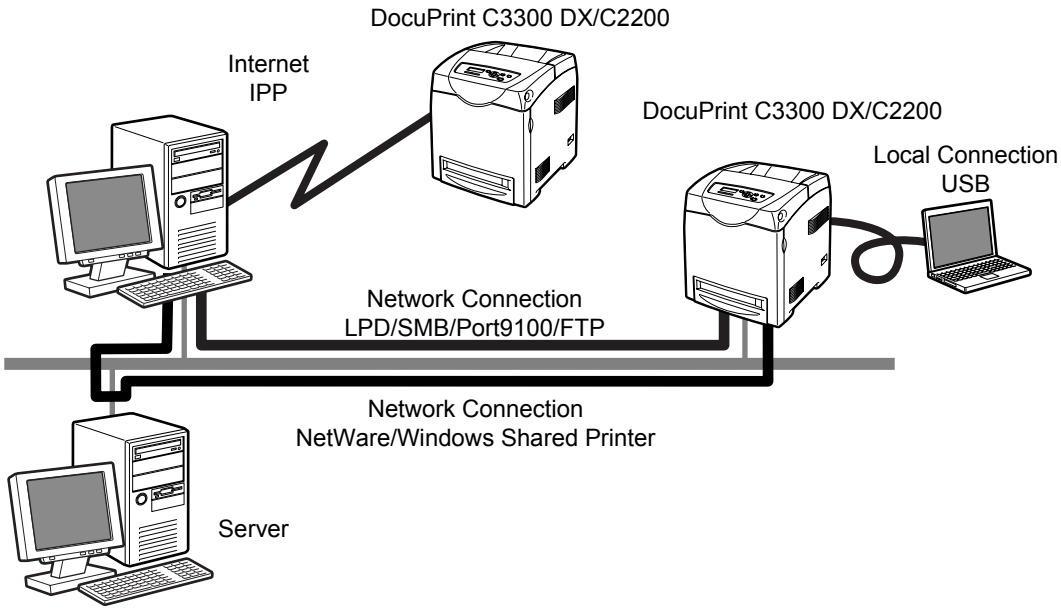
1 Printer Environment Settings

This chapter describes the supported operating environments and necessary settings to use the printer.

1.1 Supported Operating Environments

The DocuPrint C3300 DX/C2200 can be used as both a local and a network printer. When used as a local printer, the printer is connected directly to a computer. When used as a network printer, the printer is connected to a computer over a network.

To use the printer as a network printer, set all ports you want to use to [Enable] on the control panel. (default: [Enable])



■ Supported Operating Systems and Operating Environments

Note

- The supported operating systems are subject to change without prior notice. Visit our web site for the latest information.

Connection Method	Local	Network							
Port Name	USB*1	LPD	NetWare	SMB		IPP	Port 9100	FTP	WSD
Protocol	-	TCP/ IP	TCP/ IP	Net BEUI	TCP/ IP	TCP/ IP	TCP/ IP	TCP/ IP	TCP/ IP
Windows® 2000	O	O	O	O	O	O	O	O	
Windows® XP (x32/x64)	O	O	O		O	O	O	O	
Windows Server® 2003 (x32/x64)	O	O	O		O	O	O	O	
Windows Vista™ (x32/ x64)	O	O			O	O	O	O	O
Windows Server® 2008 (x32/x64)	O	O			O	O	O	O	
Mac OS X 10.3.9/10.4/10.5	O	O				O*2			

*1: USB port must be set on the computer connected to the printer.

*2: Supported on Mac OS X 10.3.9 - 10.5.

Note

- When printing from Macintosh, refer to the 'PostScript® User Guide' on the PostScript Driver Library CD-ROM.

1.2 Setting the Network Environment

This section explains how to install your printer in a TCP/IP environment.

When installing the printer in a different environment, refer to the ‘CD-ROM Documentation (HTML)’ on the CD-ROM of the Driver CD Kit.

Setting the IP Address

To use TCP/IP protocol, you must configure an IP address for the printer.

The printer can print using the IPv6 communication as well as the IPv4 communication.

The following explains how to set the IP address in IPv4 mode. When using the IP address in IPv6 mode, refer to "Setting the IP Address in IPv6 Mode" (P. 25).

Setting the IP Address in IPv4 Mode

By default, the printer is set to obtain its IP address (via the [Get IP Address] setting on the control panel) using [DHCP/Autonet]. Thus, when the printer is connected to a network that has a DHCP server, the printer automatically obtains its IP address from the server.

Print the [Printer Settings] list to see if the printer already has an IP address.

If the printer does not have an IP address, set [Get IP Address] to [Panel] and configure the address.

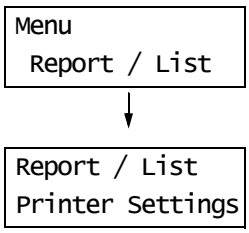
Note

- The printer can obtain its IP address also by using a BOOTP or RARP server. If using a BOOTP or RARP server, set [Get IP Address] to [BOOTP] or [RARP].
- If using a DHCP server, the printer's IP address may change without notice. Make sure to check the IP address periodically.

■ Printing the [Printer Settings] List

Use the following procedure to print the [Printer Settings] list.

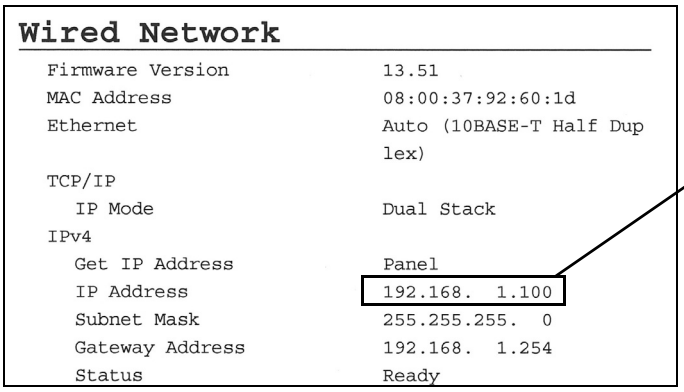
1. Press the <Menu> button to display the menu screen.



2. Press the <▶> or <Eject/Set> button to accept the selection.
   [Printer Settings] is displayed.

3. Press the <Eject/Set> button to print the report.
   The report is printed.

Example of the [Printer Settings] list



If an IP address is listed, skip the following procedure.

If an IP address is not listed, or if you want to change the current IP address, configure the setting using the following procedure.

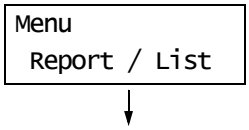
■ To Set the IP Address on the Control Panel

Use the following procedure to configure the printer's IP address on the control panel.

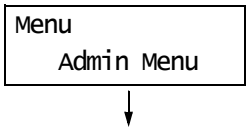
Depending on your network environment, your printer also needs a subnet mask and gateway address. Consult your network administrator for the settings required for your printer.

To Set the IP Address

1. Press the <Menu> button on the control panel to display the menu screen.

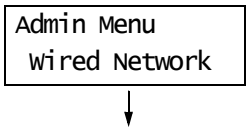


2. Press the <▼> button until [Admin Menu] is displayed.



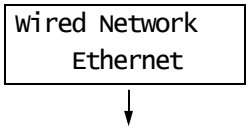
Note
- If you went past the desired item, return to the item by pressing the <▲> button.

3. Press the <▶> or <Eject/Set> button to accept the selection.
[Wired Network] is displayed.

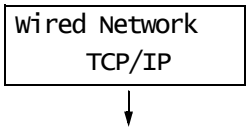


Note
- If you pressed the <▶> button on the wrong item, return to the previous screen by pressing the <◀> button.
- To start over from the beginning, press the <Menu> button.

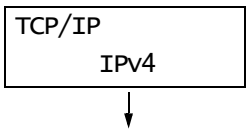
4. Press the <▶> or <Eject/Set> button to accept the selection.
[Ethernet] is displayed.



5. Press the <▼> button until [TCP/IP] is displayed.



6. Press the <▶> or <Eject/Set> button to accept the selection.
If [IPv4] is not displayed, press the <▼> button until [IPv4] is displayed.



7. Press the <▶> or <Eject/Set> button to accept the selection.
   [Get IP Address] is displayed.

8. Press the <▶> or <Eject/Set> button to accept the selection.
   The current setting is displayed.

9. Press the <▼> button until [Panel] is displayed.

10. Confirm your selection by pressing the <Eject/Set> button.
    The display shows [Reboot to apply Settings] for 3 seconds and returns to the setting screen.
    You will reboot the printer after setting the gateway address. Go on to the next step.

11. Press the <◀> button to return to [Get IP Address].

12. Press the <▼> button to display [IP Address].

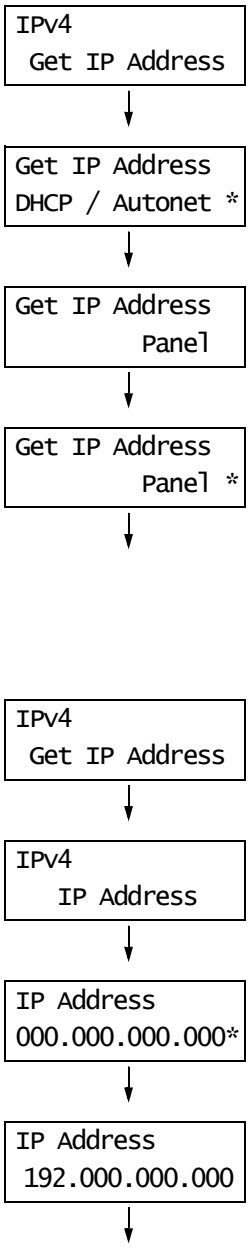
13. Press the <▶> or <Eject/Set> button to accept the selection.
    The current IP address is displayed.

14. Enter the value in the first field using the <▲> or <▼> button, and press the <▶> button.

Note
- If you do not need to change the setting, press the <▶> button to advance to the next field.
- Pressing and holding down the <▲> or <▼> button increments the value by 10.
- To return to the previous field, press the <◀> button.

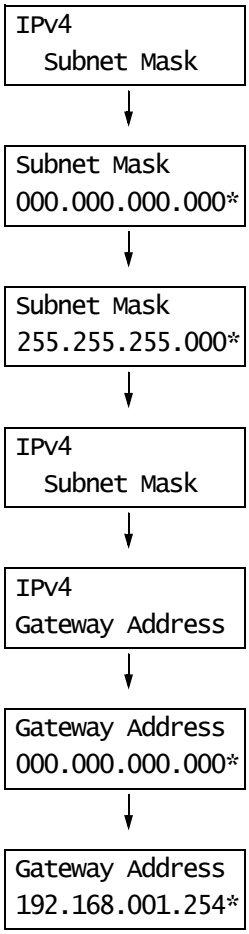
15. Enter the rest of the fields in the same manner. After entering the last (4th) field, press the <Eject/Set> button to confirm your entry.

16. If you want to set a subnet mask and gateway address, press the <◀> button and proceed to Step 17.
    If you want to finish the setting, proceed to Step 24.



To Set the Subnet Mask/Gateway Address

17. Press the <▼> button until [Subnet Mask] is displayed.



18. Press the <▶> or <Eject/Set> button to accept the selection.
    The current subnet mask is displayed.
19. Enter the subnet mask in the same way you entered the IP address, and press the <Eject/Set> button to confirm your entry.
20. Press the <◀> button to return to [Subnet Mask].
21. Press the <▼> button to display [Gateway Address].
22. Press the <▶> or <Eject/Set> button to accept the selection.
    The current gateway address is displayed.
23. Enter the gateway address in the same way you entered the IP address, and press the <Eject/Set> button to confirm your entry.
24. The setting is now complete.
    Reboot the printer by switching the power off and then on again.
25. Print the [Printer Settings] list to verify your settings.

Setting the IP Address in IPv6 Mode

The printer supports IPv6 addresses. You can use IPv6 addresses with this printer under an IPv6 network environment.

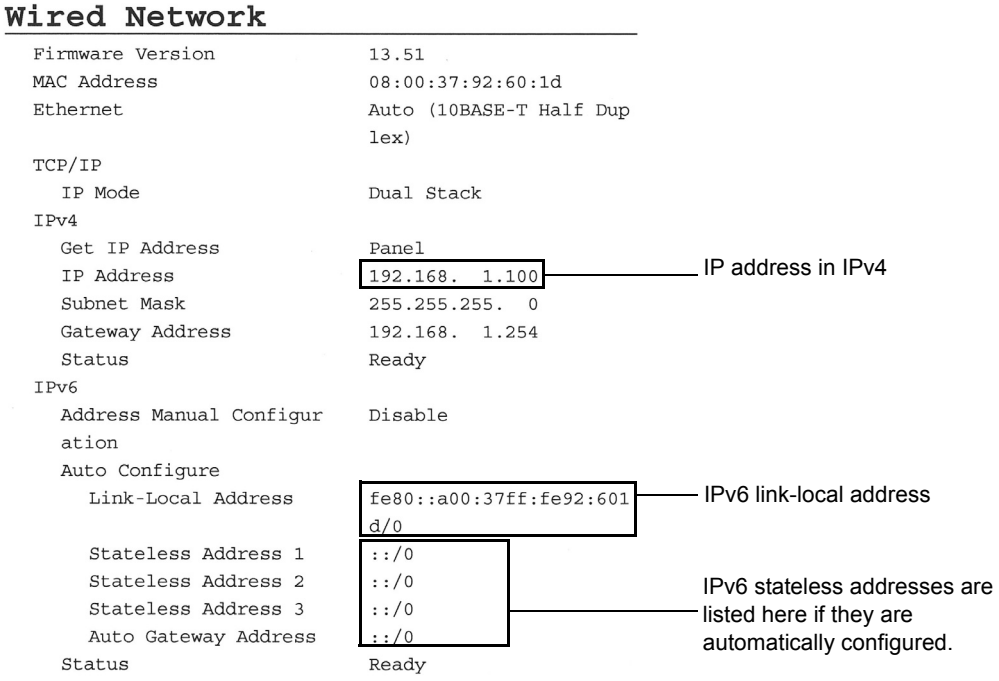
By default, [IP Mode] of this printer is set to [Dual Stack] (in Dual Stack mode, IPv4 and/or IPv6 is automatically detected). When this printer is connected to an IPv6 network, an IPv6 address will be automatically assigned.

If you want to assign a static IP address to this printer under an IPv6-only environment, you can manually configure a static IPv6 address.

Use the following procedure to assign a static IPv6 address to this printer.

■ To Set a Static Address Using CentreWare Internet Services

1. Print the [Printer Settings] list to find the IP address assigned to the printer. You can see the IP address in the [Wired Network] column in the list.



Refer to

- For information on how to print the [Printer Settings] list, refer to "Printing the [Printer Settings] List" (P. 21).

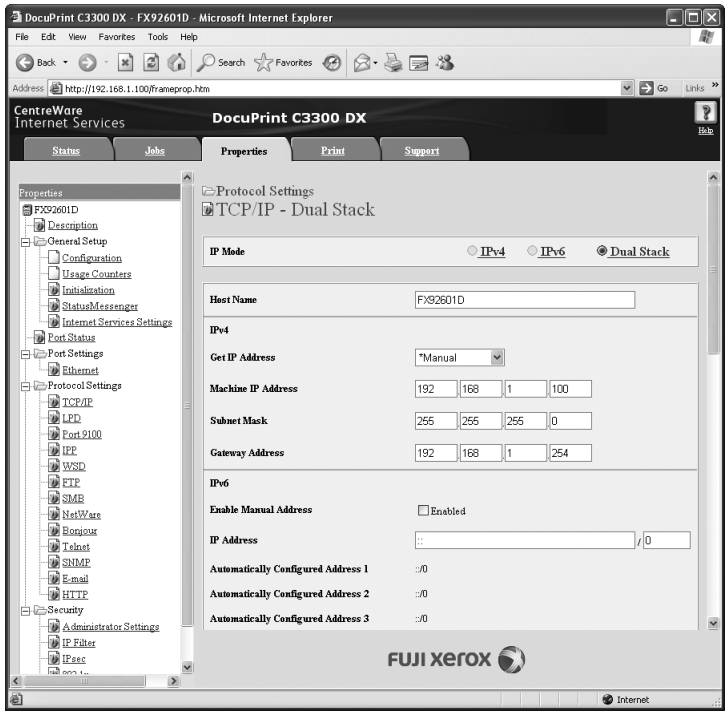
2. Launch a web browser and access CentreWare Internet Services.

Note

- For information on how to access CentreWare Internet Services, refer to "Configuring the Printer Using CentreWare Internet Services" (P. 28)

3. Click the [Properties] tab.

4. From the menu on the left, select [TCP/IP] under [Protocol Settings].



By default, [IP Mode] is set to [Dual Stack]. If [IPv4] is selected for [IP Mode], change it to [Dual Stack] or [IPv6] depending on your network environment.

5. Under [IPv6], select the [Enabled] check box for [Enable Manual Address]. Then enter the IP address in the [IP Address] box.
   Except the first field, zeros in the IP address can be omitted.
   For example, "2001:0db8:0000:0000:0000:0000:0000:0001" can be reduced to "2001:db8::1".
   The prefix length can be anything between 0 and 128. The advertised prefix length is normally 64-bit length.

6. Make other settings if necessary.

7. Click the [Apply] button at the bottom of the right frame.

Note
- If you do not want to apply your new settings and want to reset them to the original values, click [Undo].
- When you are prompted to enter the administrator's user ID and password, enter the ID and password and click [OK].
- The default user ID and password are "11111" and "x-admin", respectively.

8. The setting is now complete. Reboot the printer by switching the power off and then on again.

■ To Set IP Mode to IPv6 on the Control Panel

You can change the TCP/IP mode in two ways. One is to start CentreWare Internet Services, and select [Protocol Settings] > [TCP/IP] > [IP Mode] on the [Properties] tab as described above. The other is to use the control panel.

Note
- By default, [IP Mode] is set to [Dual Stack].

1. Press the <Menu> button on the control panel to display the menu screen.

2. Press the <▼> button until [Admin Menu] is displayed.

Note
- If you went past the desired item, return to the item by pressing the <▲> button.

3. Press the <▶> or <Eject/Set> button to accept the selection.
[Wired Network] is displayed.

Note
- When you press the <▶> button on the wrong item, return to the previous screen by pressing the <◀> button.
- To start over from the beginning, press the <Menu> button.

4. Press the <▶> or <Eject/Set> button to accept the selection.
[Ethernet] is displayed.

5. Press the <▼> button until [TCP/IP] is displayed.

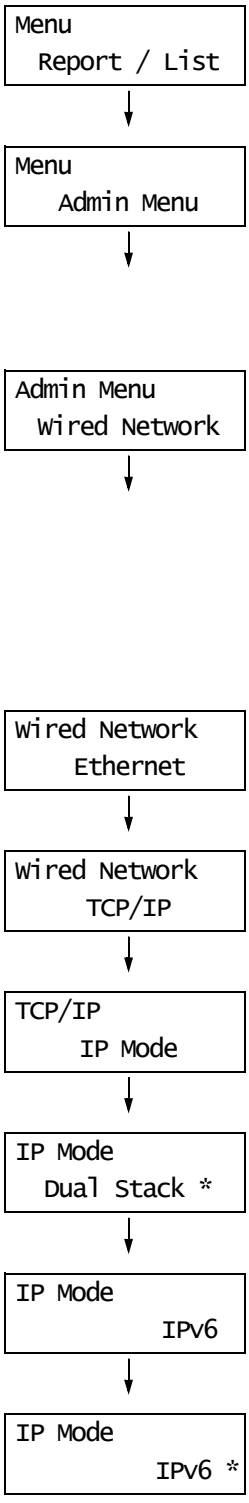
6. Press the <▶> or <Eject/Set> button to accept the selection.
[IP Mode] is displayed.

7. Press the <▶> or <Eject/Set> button to accept the selection.
[Dual Stack] is displayed.

8. Press the <▼> button until [IPv6] is displayed.

9. Confirm your selection by pressing the <Eject/Set> button.
The display shows [Reboot to apply Settings] for 3 seconds and returns to the setting screen.

10. The setting is now complete.
Reboot the printer by switching the power off and then on again.



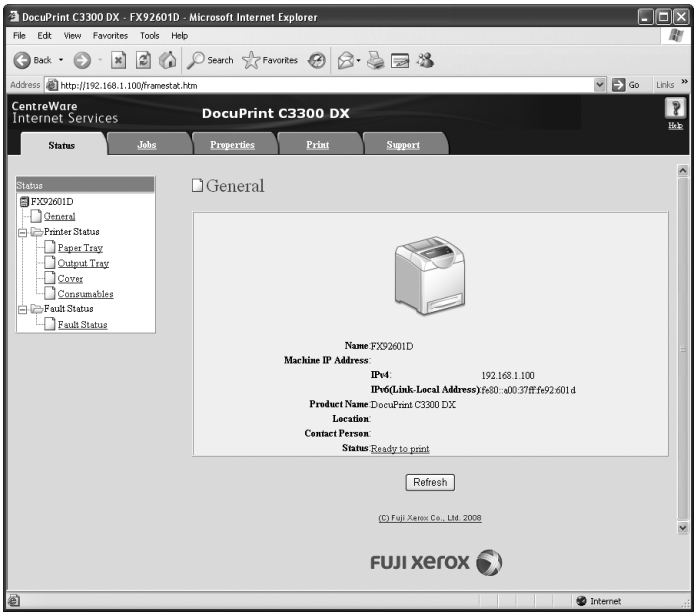
Configuring the Printer Using CentreWare Internet Services

CentreWare Internet Services is a service that allows you to monitor or remotely configure the printer using a web browser when the printer is on a TCP/IP network.

Some of the control panel settings can be set also on the service's [Properties] tab.

Note

- CentreWare Internet Services cannot be used when your printer is a local printer.



Supported Operating Environments

■ Supported Web Browsers

CentreWare Internet Services has been tested to work on the following web browsers.

Windows

- Microsoft® Internet Explorer 6
- Windows® Internet Explorer 7
- Mozilla Firefox 2

Macintosh

- Mozilla Firefox 2
- Safari 2

■ Setting Up a Web Browser

When accessing CentreWare Internet Services, we recommend you to set your web browser:

- not to use a proxy server when specifying the printer's IP address.
- to enable JavaScript.

Note

- If you access CentreWare Internet Services using a proxy server, the response from the service may be slow or the window of the service may not be displayed.
- Some buttons on the service do not appear when JavaScript is not running or disabled. In such case, the buttons are displayed as URL links.
- For information on how to set up your web browser, refer to the online help for the web browser.

If you want to change the display language of CentreWare Internet Services, change the display language of your web browser.

Note

- For information on how to change the display language of your web browser, refer to the online help for the web browser.

■ Setting Up the Printer

To use CentreWare Internet Services, you must configure the printer's IP address and enable [InternetServices] (default: [Enable]). When [InternetServices] is set to [Disable], change it to [Enable] on the control panel.

Refer to

- "Protocol" (P. 86)

CentreWare Internet Services Setting Items

The followings are the main features on each tab of CentreWare Internet Services.

Tab Name	Feature
Status	• General Displays the printer's product name, IP address, and status. • Printer Status Displays the sizes and remaining volumes of the paper loaded in the paper trays, the status of the output tray and front cover, and the remaining life of consumables. • Fault Status Displays the status of the control panel and error information (error location and details).
Jobs	• Displays the job status list and job history list.
Properties	• Description Displays the printer's product name and serial number. It also sets the printer's name*, installation location*, contact person*, and administrator's e-mail address*. • Configuration Displays the specifications of the print features, page description languages, and memory information. • Usage Counters Displays the total number of color and monochrome pages printed to date. • Initialization Initializes the NV memory or reboots the printer. • StatusMessenger* The printer can notify its status via e-mail to users who have been registered through this feature. You can set the e-mail addresses of the users and the items or events that the users will be notified of. • Internet Services Settings* Sets whether or not to automatically update the window of CentreWare Internet Services and the interval at which the window is updated (in seconds). • Port Status Enables or disables each port. • Port Settings Sets the settings for Ethernet. • Protocol Settings* Sets the details of each protocol. • Security* Sets the settings for IPsec. It also creates/manages/deletes self-signed certificates and enables SSL/TLS communication. The data encryption feature is not supported on the model available in China. This also enables or disables the Administrator Mode and sets the administrator's ID and password, if the Administrator Mode is enabled. The default system administrator ID and password are "11111" and "x-admin", respectively. Make sure to change the password before using the Administrator Mode.
Print	• Print Auditron* This feature allows you to control user access to the printer. If enabling this feature, register users who are granted access to the printer.
Support	• Displays a link to customer support.

* These items can be configured only on CentreWare Internet Services and not on the control panel.

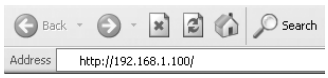
Using CentreWare Internet Services

Follow these steps when accessing CentreWare Internet Services.

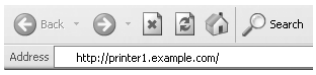
1. Start your computer and launch a web browser.

2. In the URL field, enter the IP address or URL of the printer, and press the <Enter> key. The top page of CentreWare Internet Services is displayed.

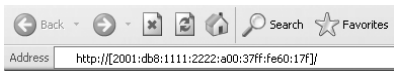
   • Example - IP address

   • Example - URL

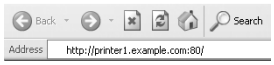
   

   • Example - IPv6 address

Note

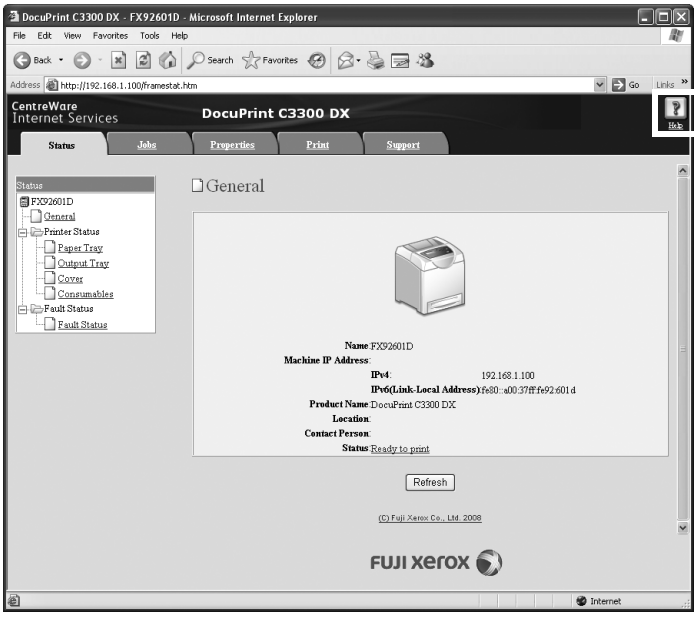
- When specifying a port number, enter ":" (colon) and then "80" (the factory default port number) after the address.
- The port number can be changed under the [Properties] tab > [Protocol Settings] > [HTTP]. If you change the port number, you must enter ":" (colon) and then the port number after the address.



- When SSL/TLS server communication is enabled, enter "https" before the address instead of "http". This feature is not supported on the model available in China.
- For information about the Authentication/Auditron Administration and data encryption features, refer to "7.7 Security Features" (P. 145) and "7.8 Authentication and Auditron Administration Features" (P. 156).

Using the Online Help

For details on each setting item, refer to the online help for CentreWare Internet Services. You can browse the online help by clicking the [Help] button on the service.



1.3 Installing a Print Driver

To print from your computer, install a PCL print driver using the CD-ROM of the Driver CD Kit.

The installation procedure varies depending on how your computer is connected to the printer.

For installation instructions, refer to the ‘CD-ROM Documentation (HTML)’ on the CD-ROM.

Note

- Refer to the ‘CD-ROM Documentation (HTML)’ also when installing ContentsBridge Utility or other software.

Uninstalling a Print Driver and Other Software

■ To Uninstall a Print Driver

Your print driver can be uninstalled using the uninstallation tool contained on the CD-ROM of the Driver CD Kit. For more information, refer to the ‘CD-ROM Documentation (HTML)’ on the CD-ROM.

■ To Uninstall Other Software

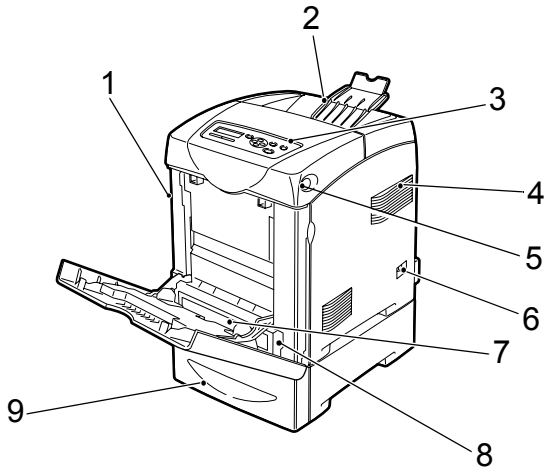
When uninstalling other software installed from the Driver CD Kit, refer to the "Readme" file provided for each software. The "Readme" files can be viewed under the ‘Product Information (HTML)’ in the Driver CD Kit.

2 Basic Operation

2.1 Main Components and Functions

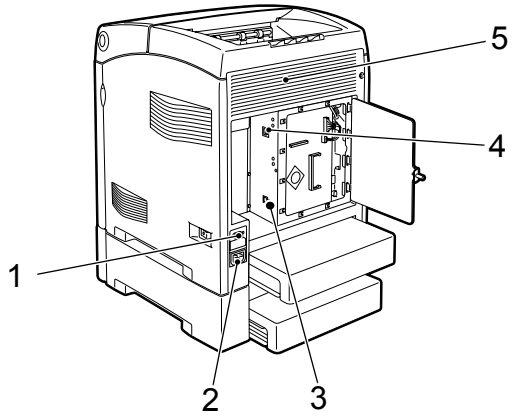
Main Unit

Front View



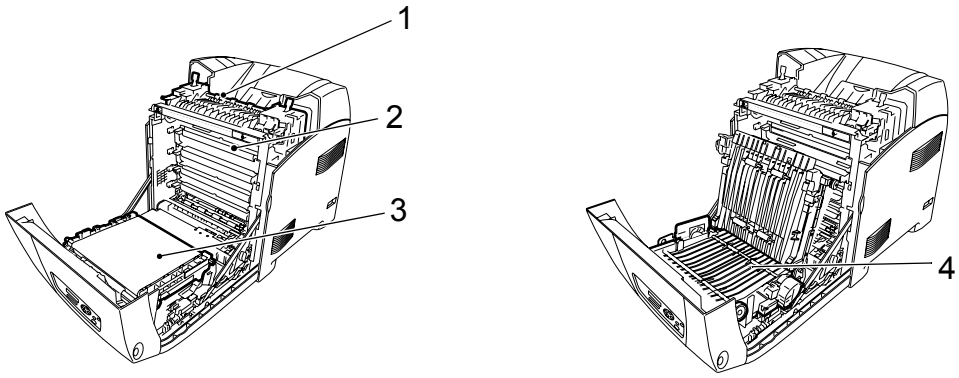
No.	Name	Description
1	Front cover	Open this when replacing print cartridges and removing jammed paper. Press the side button to open this cover.
2	Output tray	Print jobs are output with the printed side facing down.
3	Control panel	Consists of operation buttons, indicators, and the display.
4	Ventilation hole	Releases heat to prevent the interior of the printer from heating up. **Important** • Blocking the ventilation hole causes heat build-up in the printer, which causes the printer to malfunction.
5	Side button	Press this button with the letter A on it when opening the upper part of the front cover.
6	Power switch	Switches the power of the printer on and off. Pushing the switch to the <I> side switches it on and pushing it to the <O> side switches it off.
7	Bypass tray	Load paper here.
8	Paper tray	Load paper here.
9	Optional 550 sheet feeder	Load paper here.

Rear View



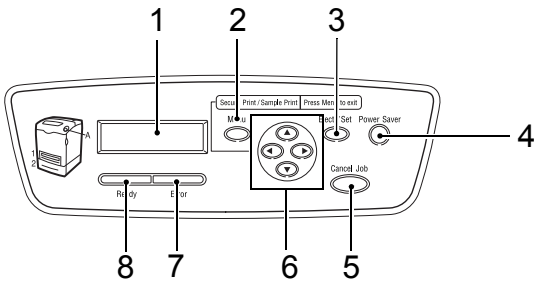
No.	Name	Description
1	Ground fault interrupter	Cuts off the power circuit automatically in the event of current leakage.
2	Power cord connector	Connect the power cord here.
3	USB port	Connect the USB cable here.
4	Network connector	Connect the network cable here when connecting the printer to a network.
5	Ventilation hole	Air intake to prevent the interior of the printer from heating up. **Important** • Blocking the ventilation hole causes heat build-up in the printer, which causes the printer to malfunction.

Interior



No.	Name	Description
1	Fuser unit	Fixes the toner on the paper. **Important** • Do not touch the fuser unit while the printer is in operation. The fuser unit becomes very hot during printing.
2	Print cartridge	The print cartridges contain black, yellow, cyan, and magenta toner.
3	Belt unit	The toner affixed to the belt unit is transferred onto the paper.
4	Duplex unit	Enables 2-sided printing. This is optional for the DocuPrint C2200.

Control Panel



No.	Name	Description
1	LCD display	Displays the setting items, machine status, and messages. **Refer to** • "Control Panel Display" (P. 36)
2	<Menu> button	Press to move to the menu operation.
3	<Eject/Set> button	Press to set the menu values. Also use this button to print a report/list.
4	<Power Saver> indicator/ button	In the sleep mode, this light is on. Push this button to exit the sleep mode.
5	<Cancel Job> button	Press to cancel printing.
6	<▲> <▼> <◀> <▶> buttons	Press these to move to the required menu, item, and value on the display. The <◀> button is used also when using the Secure/Sample Print feature. **Note** • When you are changing the values by the <▲> or <▼> button, you can press and hold down the buttons to change the display continuously. Also, pressing the <▲> and <▼> buttons simultaneously will display the default values. • To use the Secure/Sample Print feature, the hard disk or the additional memory (optional) must be installed.
7	<Error> indicator	When the light is on, there is a malfunction in the printer.
8	<Ready> indicator	When the light is on, the printer is ready to receive data from the computer.

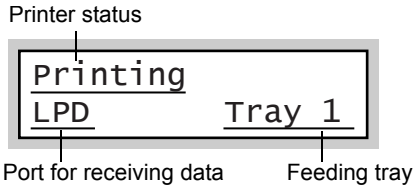
Control Panel Display

There are two types of screens: Print screen (for displaying printer status) and Menu screen (for configuring settings).

Note
- The message displayed differs according to the optional accessories installed and setting status.

Print Screen

The Print screen appears when the printer is printing or waiting for data. The following contents are shown on the screen.



Menu Screen

Screen for configuring settings related to the printer.

This screen appears when you press the <Menu> button. The following display is the initial Menu screen.

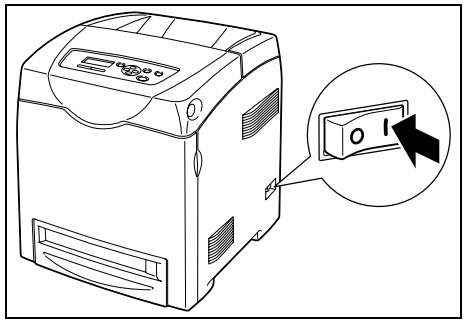
Refer to
- Items that can be set on the Menu screen: "5.2 Description of Menu Items" (P. 83)

2.2 Switching On/Off the Power

Switching On the Power

1. Press the power switch of the printer to the <I> position.

2. When the power is on, [Please wait...] is displayed on the control panel. Check that this display changes to [Ready to Print].



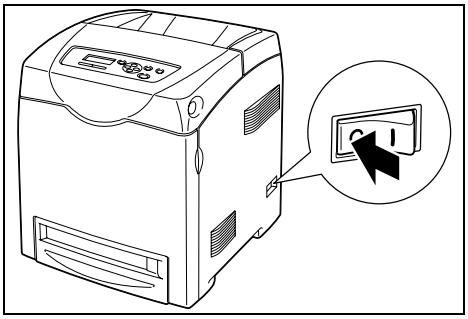
Important
- When the display reads [Please wait...], the printer is warming up and is not ready to print yet.
- If an error message is displayed, refer to "6.6 Error Messages (in Alphabetical Order)" (P. 115) for information on how to fix it.

Switching Off the Power

Important
- Do not switch the power off when the display reads [Please wait...].
- Do not switch off the power to the printer when printing is in progress. It may lead to a paper jam.
- Once the power is switched off, print data remaining in the printer or information saved in the memory of the printer will be deleted.

1. Check the display on the control panel, to confirm that the printer is not processing any data.

2. Press the power switch for the printer to the <O> position to switch off the power.



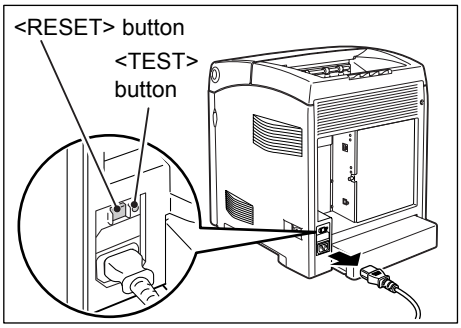
2.3 About the Ground Fault Interrupter

The printer has a ground fault interrupter on its rear left side.

In the event of current leakage, the ground fault interrupter will automatically cut off the power circuit to prevent any current leakages or fire from occurring.

If the interrupter trips (if the <RESET> button is popped up), check insulation condition of the printer and then press the <RESET> button.

If the insulation condition of the printer is not recovered, the interrupter trips again immediately. In such case, contact our Customer Support Center or your dealers.



Once a month, switch the printer off and test if the interrupter is functioning normally. Using a failed interrupter puts your printer at risk of electric shock.

If your interrupter is not functioning normally, contact our Customer Support Center or your dealers.

Refer to

- For information on how to test the ground fault interrupter, refer to "Operational Safety" (P. 14).

2.4 Setting/Exiting the Power Saver Modes

The printer is equipped with a low power mode and a sleep mode to reduce power consumption when it is left idle.

When no print data is received for 3 minutes, the printer will enter the low power mode. When no data is received for a further 2 minutes (a total of 5 minutes lapse (default) since the last receiving data), it will enter the sleep mode by default.

When the printer is in the low power mode, the display shows [Ready / Standby]. In the sleep mode, all lamps on the control panel except for the <Power Saver> button go out. The display also goes blank and displays nothing.

The time ranges that can be specified for the printer to enter the low power mode and the sleep mode are 3 to 60 minutes and 2 to 120 minutes, respectively. Consumption of power during the sleep mode is 9 W (220-240 V) / 7 W (110 V) or less and the time required to exit from the sleep mode to a print-ready status is about 30 seconds.

Note

- You can change the settings so that the printer does not enter the sleep mode.
- For details on the low power mode and the procedure to change the settings, refer to "Setting Example: Changing the Power Saver Mode Setting" (P. 82).

Exiting the Low Power Mode/Sleep Mode

The printer automatically cancels the low power mode/sleep mode once it receives data from the computer.

To manually cancel the low power mode, press one of the buttons on the control panel.

To manually cancel the sleep mode, press the <Power Saver>.

Note

- When the printer is in the low power mode, opening and closing a cover will cause the printer to exit the low power mode.
- When the printer is in the sleep mode, all buttons on the control panel except for the <Power Saver> button do not function.
  To use the buttons on the control panel, press the <Power Saver> button to exit the sleep mode.

2.5 Cancelling/Checking a Print Job

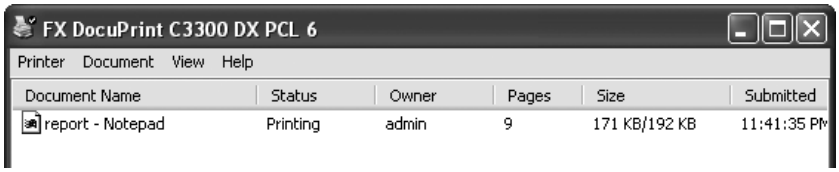
Cancelling a Print Job

Print jobs can be cancelled either from your computer or on the control panel.

Cancelling a Print Job being Processed on a Computer

1. Double-click the printer icon on the task bar at the lower right corner of your monitor.

2. On the displayed window, click the name of the document you want to cancel and press the <Delete> key. If you cannot find the document in the window, cancel the document on the control panel.


FX DocuPrint C3300 DX PCL 6
Printer Document View Help
Document Name Status Owner Pages Size Submitted
report - Notepad Printing admin 9 171 KB/192 KB 11:41:35 PM

Cancelling a Print Job being Printed/Received on the Printer

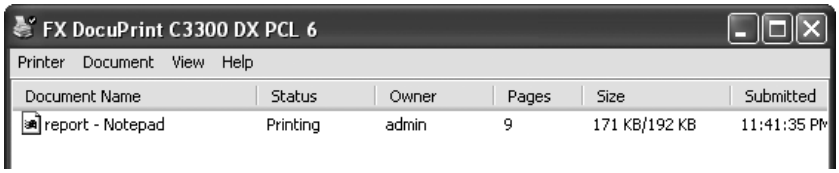
Press the <Cancel Job> button on the control panel. This operation, however, does not cancel the page that was being printed when you pressed the button.

Checking the Status of a Print Job

Checking the Job Status on Windows

1. Double-click the printer icon on the task bar at the lower right corner of your monitor.

2. On the displayed window, check [Status].


FX DocuPrint C3300 DX PCL 6
Printer Document View Help
Document Name Status Owner Pages Size Submitted
report - Notepad Printing admin 9 171 KB/192 KB 11:41:35 PM

Checking the Job Status on CentreWare Internet Services

You can check the status of print jobs also under the [Jobs] tab on CentreWare Internet Services.

Refer to
- CentreWare Internet Services online help.

3 Print

This chapter describes various printing methods using a PCL print driver.

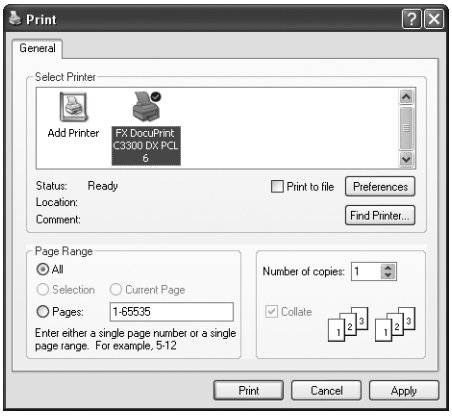
3.1 Printing from a Computer

This section outlines the basic procedure for sending print jobs from Windows applications. The following procedure uses Windows XP WordPad as an example.

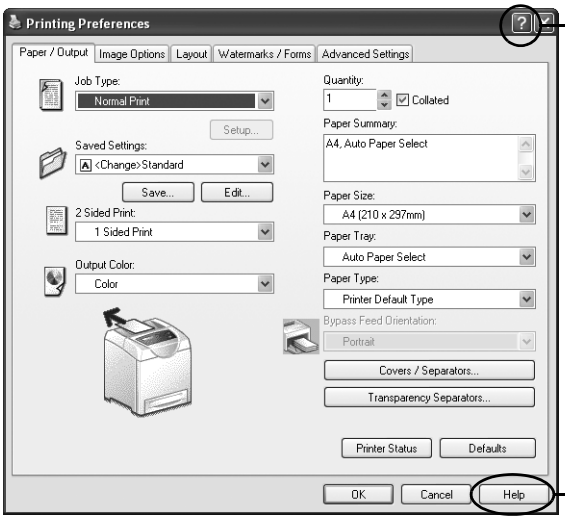
(The procedure may vary depending on the application being used.)

1. On the [File] menu of your application, click [Print].

2. Select the printer from the [Select Printer] list box, and then click [Preferences] to display the [Printing Preferences] dialog box.



3. Click the desired tab and set the print features as necessary.
When you are finished with the settings, click [OK] to close the dialog box.
For details on the print features, refer to the online help for the print driver.



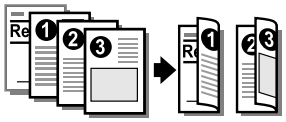
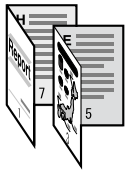
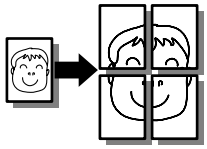
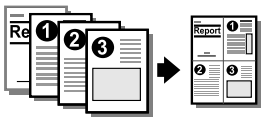
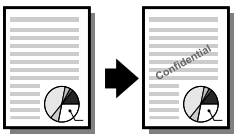
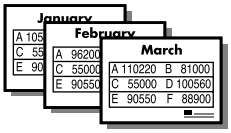
To display help:

(1) Click [?] and then an item you need help with.
The help for the item pops up.
(2) Click [Help].
The [Help] window appears.

4. Click [Print] in the [Print] dialog box to start printing.

Print Features in the Properties Dialog Box

The following introduces some of the print features available on each tab of the print driver. For details on each feature, refer to the online help provided for the print driver.

<table>
<tr><th>Tab</th><th colspan="3">Feature</th></tr>
<tr><td rowspan="2">Paper / Output</td><td>• 2 Sided Print
Prints documents on both sides of paper using the 2-sided printing feature.
  </td><td>• Secure Print
Allows you to store a document temporarily in the printer and manually print it from the control panel.</td><td>• Sample Print
Allows you to print a proof copy of a document and print the entire copies after verifying the print result.</td></tr>
<tr><td colspan="3">• Saved Settings
You can apply the print setting by simply selecting an item from the drop-down list box. This feature also allows you to program frequently-used print settings.</td></tr>
<tr><td>Image Options</td><td colspan="3">• Image Types
Allows you to define the type of the original and print it in the optimal print quality.</td></tr>
<tr><td rowspan="2">Layout</td><td>• Booklet Creation
Creates a booklet from a set of 2 sided documents. It correctly positions each page to produce output, that when folded, will be ordered to read like a booklet.
  </td><td rowspan="2">• Poster
Allows you to divide and enlarge an original document to print the image onto multiple sheets of paper. You can then paste them together to make one large poster.
  </td></tr>
<tr><td>• Multiple-Up
Prints multiple pages onto one sheet of paper.
  </td></tr>
<tr><td>Watermarks / Forms</td><td>• Watermarks
Adds a watermark such as "Confidential" underneath an original image.
  </td><td colspan="2">• Forms
Stores frequently-used forms in the printer. This saves you the time of sending them to the printer each time you need to use them.
  </td></tr>
</table>

Note

- The properties dialog box can be displayed also by clicking the printer icon in the [Printers and Faxes] window (or the [Printers] window depending on the OS you are using).
  The settings configured here will be the defaults of the features when the dialog box is accessed from your application.
- The Watermarks / Forms features are not supported on Windows x64.

3.2 Printing on Envelopes

This section explains how to print on envelopes and transparencies.

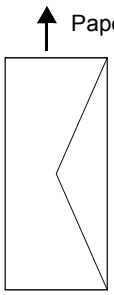
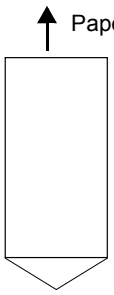
Loading Envelopes/Transparencies

Envelopes and transparencies can be loaded in the bypass tray.

Note
- For details on the procedure to load paper in bypass tray, refer to "Loading Paper in the Bypass Tray" (P. 74).

Loading Envelopes

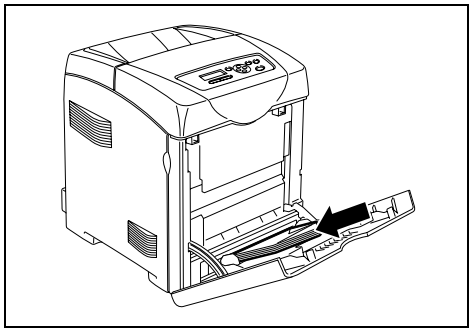
Load envelopes with the address side facing down.
The orientation and handling of envelope flaps is as follows.

Envelope orientation and feed direction	
	
Facing down with the flap closed and at the right. **Note** • Envelops may wrinkle sometimes. In that case, it is likely to be improved by changing the position of the flap to the left.	Facing down with the flap open and against you. **Note** • Set [Portrait & Landscape (For envelopes)] on the print driver.

The following explains how to load envelopes in the bypass tray using envelopes with the flap on a long edge as an example.

Important
- The reverse side of the envelope cannot be printed on.
- Envelopes can get wrinkled or the print quality is reduced depending on the type used. For details about the usable envelope sizes, refer to "Supported Paper" (P. 69).

1. Insert the envelopes with the flaps close and at the right side.

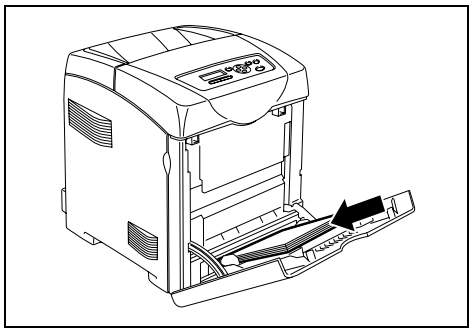


2. Slide the paper guides to the size of the envelope.

Loading Transparencies

Important
- Transparencies with a white frame and full-color transparencies cannot be used.

1. After carefully fanning a small stack of transparencies, load them into the bypass tray with the side to be printed facing down. Load transparencies a few at a time.



2. Slide the paper guides to the size of the transparencies.

Printing on Envelopes/Transparencies

To print on envelopes or transparencies using the PCL print driver, display the [Paper / Output] tab. This section explains the procedure using WordPad on Windows XP as an example.

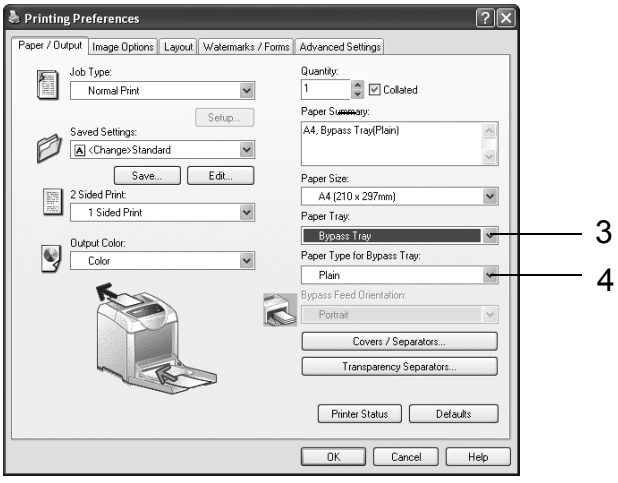
Note
- When [Bypass Mode] is set to [Panel Specified], you need to set the paper type and size settings for the tray on the control panel in advance. For details, refer to "Setting the Paper Type and Size on the Control Panel" (P. 76).
- The way to display the printer properties dialog box differs according to the application software. Refer to the manual of your respective application software.
- Printing transparencies continuously may lead to the output transparencies sticking to each other. Remove the transparencies from the output tray after about 10 sheets, and then fan them to lower their temperatures.

1. On the [File] menu, click [Print].

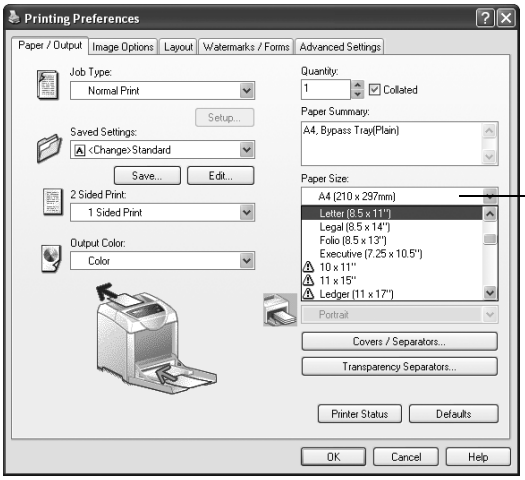
2. Select the printer from the [Select Printer] list box, and click [Preferences].

3. The [Paper / Output] tab appears.
   From [Paper Tray], select [Bypass Tray].

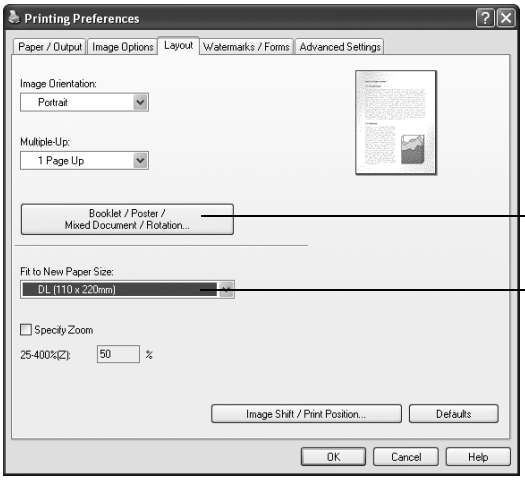
4. Select the appropriate paper type from [Paper Type for Bypass Tray].



5. From [Paper Size], select the size of the original document to be printed.



6. Click the [Layout] tab, and from [Fit to New Paper Size], select the appropriate paper size.



7. As necessary, click [Booklet / Poster / Mixed Document / Rotation], and in the displayed dialog box, set [Image Rotation 180 Degrees].

8. Click [OK] to close the dialog box.

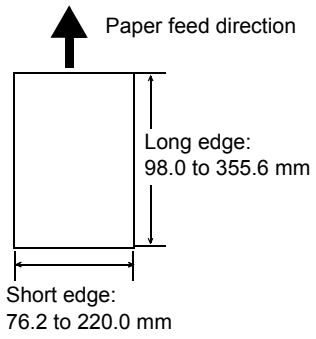
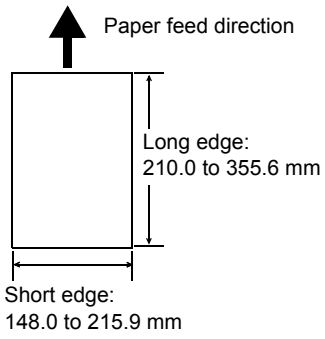
9. Click [OK] to close the [Printing Preferences] dialog box.

10. Click [Print] in the [Print] dialog box to start printing.

3.3 Printing on Non-standard Size Paper

This section explains how to print on custom size paper such as long paper using the PCL print driver.

Custom size paper can be loaded in each tray. The paper sizes that can be selected on this printer are as follows:

■ For bypass tray	■ For paper tray
	

Note

- The way to load custom size paper in the paper tray is the same as the one to load standard size paper. For details, refer to "Loading Paper in the Paper Tray" (P. 73).
- The way to load custom size paper in the bypass tray is the same as the one to load standard size paper. For details, refer to "Loading Paper in the Bypass Tray" (P. 74).
- When [Bypass Mode] is set to [Panel Specified], you need to set the paper type and size settings for the tray on the control panel in advance. For details, refer to "Setting the Paper Type and Size on the Control Panel" (P. 76).

Loading Non-standard Size Paper

The procedure for loading non-standard size paper is the same as for standard-size paper. Refer to "4.2 Loading Paper" (P. 73).

Registering Non-standard Size Paper

Before using non-standard size paper, set its paper size on your print driver.

When loading non-standard-size paper in the paper tray, set its paper size also on the control panel. For information on how to set a paper size on the control panel, refer to "Setting the Paper Size" (P. 77).

The following procedure uses Windows XP as an example.

Important

- Make sure to set the paper size correctly on the print driver or on the control panel. Setting the wrong paper size can cause printer failure.

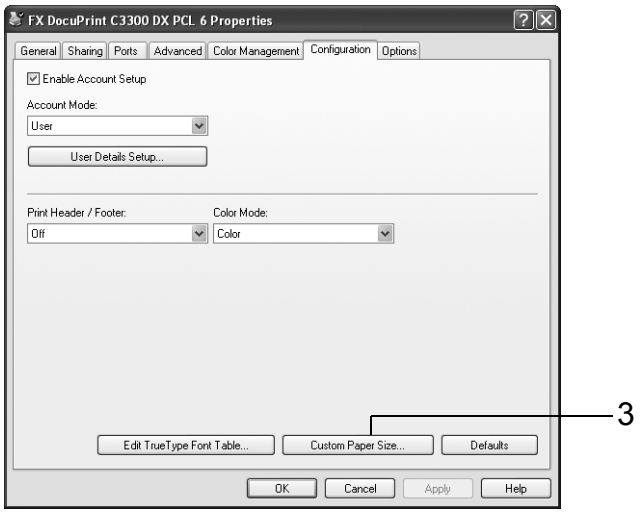
Note

- On Windows 2000, Windows XP, Windows Server 2003, Windows Vista, or Windows Server 2008, only users with administrator level access can change the settings. Users without administrator level access can only view the settings.
- Changing the settings in the [Custom Paper Size] dialog box on Windows 2000, Windows XP, Windows Server 2003, Windows Vista or Windows Server 2008, when the printer is a local printer can affect the settings for other printers on your computer. Whereas, changing those settings when the printer is a network printer can affect other network-shared printers on other computers over the network. This is because the printer uses its own form database when it is local, and uses the form database of a server that has a print queue when it is networked.

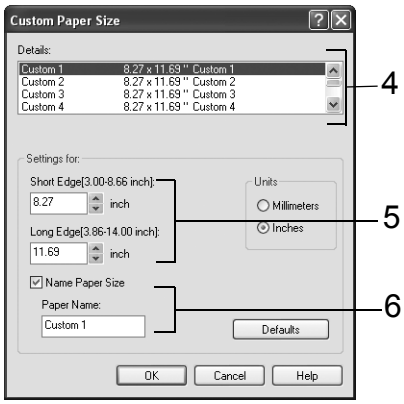
1. On the Windows [Start] menu, click [Printers and Faxes].
   Select to highlight the printer, and select [Properties] from the [File] menu.

2. The Properties dialog box appears. In the dialog box, click the [Configuration] tab.

3. Click [Custom Paper Size].



4. Select an item from the [Details] list box.



5. Under [Settings for], specify the lengths for [Short Edge] and [Long Edge] by using the [▲] and [▼] keys or by directly entering the values.
   Note that the short edge cannot be longer than the long edge and that the long edge cannot be shorter than the short edge, even within the specified ranges.

6. If giving a name to the paper size, select [Name Paper Size] and enter the name in [Paper Name] within 14 bytes.

7. As necessary, repeat Steps 4 to 6 to define other custom paper sizes.

8. Click [OK] to close the [Custom Paper Size] dialog box.

9. Click [OK] to close the Properties dialog box.

Printing on Non-standard Size Paper

The following procedure uses Windows XP WordPad as an example.

Important
- Make sure to set paper sizes correctly. Setting wrong paper sizes can cause printer failure.

Note
- The method of displaying the properties dialog box varies depending on the application being used. Consult the documentation for your application.

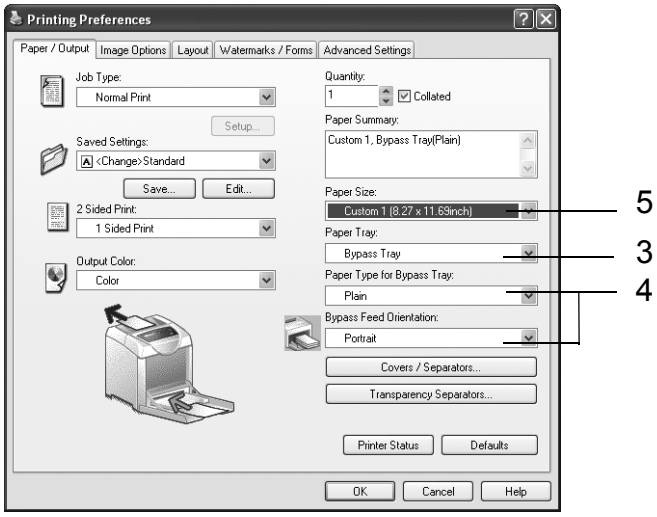
1. On the [File] menu, click [Print].

2. Select the printer from the [Select Printer] list box, and click [Preferences].

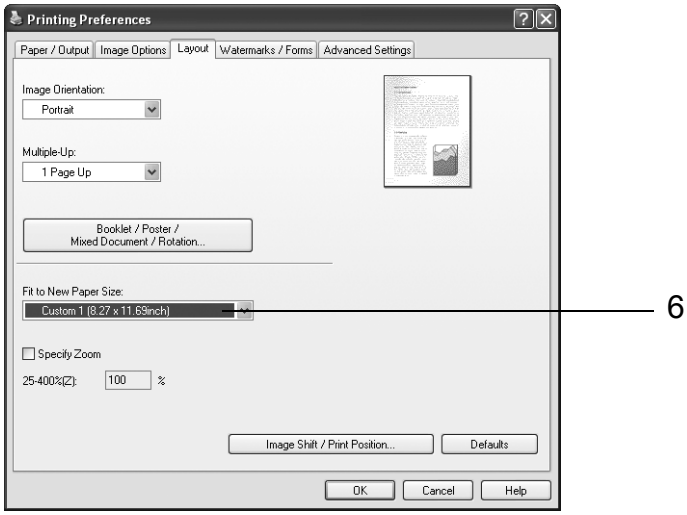
3. The [Paper / Output] tab appears.
   From [Paper Tray], select the tray where you loaded the non-standard size paper.

4. When [Bypass Tray] is selected, select the paper type and orientation of the nonstandard size paper from [Paper Type for Bypass Tray] and [Bypass Feed Orientation], respectively.
   When otherwise is selected, select the paper type from [Paper Type].

5. From [Paper Size], select the size of the document to be printed.



6. Click the [Layout] tab, and from [Fit to New Paper Size], select the custom output size you registered.



7. Click [OK] to close the [Printing Preferences] dialog box.

8. Click [Print] in the [Print] dialog box to start printing.

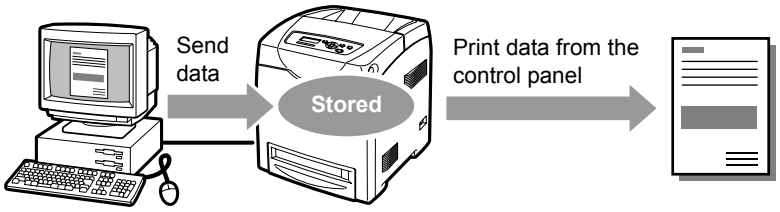
3.4 Printing Confidential Documents - Secure Print -

If your printer has the hard disk or the additional memory (optional) installed, you can use the Secure Print feature.

Important
- As data is stored in the RAM disk, the data is erased when the printer is switched off.
- In case the hard disk fails, we recommend you to back up the hard disk data on your computer.

Secure Print Feature

Secure Print is a feature that allows you to send a password-protected document to the printer. The printer then stores the document temporarily, rather than printing it immediately, until you manually start the printing from the control panel. By storing frequently-used documents in the printer, you can print them whenever you want, without having to send them each time from your computer.



Note
- Whether or not to delete a Secure Print job after printing it can be specified when you print it from the control panel. For more information, refer to "Operations on the Control Panel" (P. 52).
- To use the Secure Print feature with the RAM disk, configure the following settings.
  - Set [RAM Disk] to [Available] on the [Options] tab in the properties dialog box that is displayed by clicking the printer icon. For details, refer to "Changing the Accessory Configuration on the Print Driver" (P. 182).
  - Set [Admin Menu] > [System Settings] > [RAM Disk] to other than [Off] on the control panel.

Printing Using the Secure Print Feature

The following explains how to secure print a job.

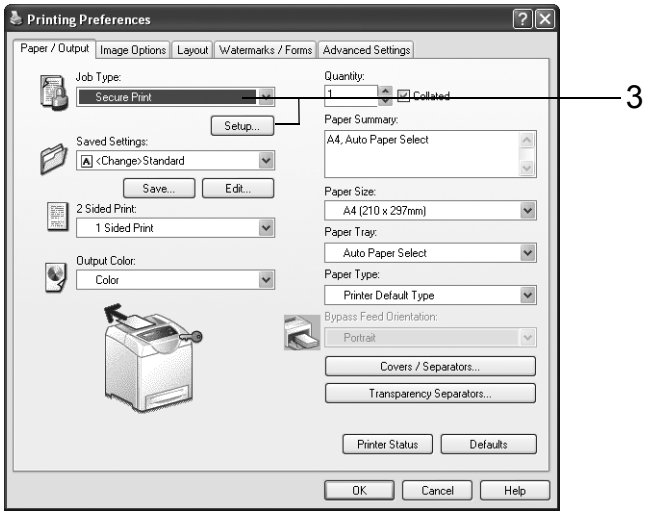
To secure print a job, configure the following settings on your computer and send the job to the printer. Then, operate the control panel to manually start printing.

Operations on Your Computer

The following procedure uses Windows XP WordPad as an example.

Note
- The method of displaying the properties dialog box varies depending on the application being used. Consult the documentation for your application.

1. From the [File] menu, select [Print].
2. Select the printer from the [Select Printer] list box, and then click [Preferences].
3. The [Paper / Output] tab appears.
   From [Job Type], select [Secure Print] and click [Setup].

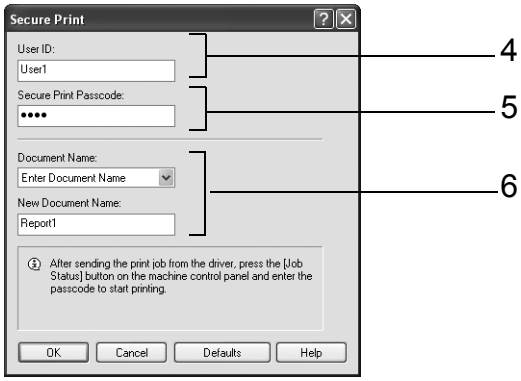


The [Secure Print] dialog box appears.

4. Enter your user ID into [User ID].
   The user ID can be up to 8 bytes of alphanumeric characters.

5. Enter a password into [Secure Print Passcode].
   The password can be up to 12 bytes of numeric characters.

6. From [Document Name], select [Enter Document Name] or [Use Existing Name].
   When [Enter Document Name] is selected, enter the desired document name in [New Document Name] within 12 bytes.
   When [Use Existing Name] is selected, the document name will be the name of the document to be printed. If the printer cannot identify the name of the document, the date and time that the document will be printed will be its name.



7. Click [OK] to close the [Secure Print] dialog box.

8. Click [OK] to close the [Printing Preferences] dialog box.

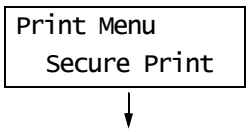
9. Click [Print] in the [Print] dialog box to start printing.

Operations on the Control Panel

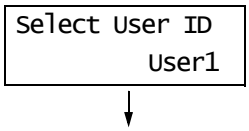
The following explains how to print a Secure Print job stored in the printer.

Note
- When deleting a Secure Print job without printing, select [Delete] after Step 8 in the following procedure.

1. Press the <◀> button on the control panel.



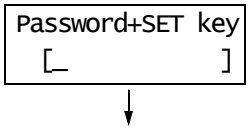
2. Press the <▶> or <Eject/Set> button to accept the selection.
   A user ID is displayed.



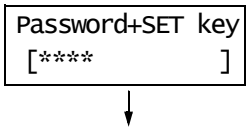
3. Press the <▼> button until the desired user ID is displayed.

Note
- The user ID is the ID set under [User ID] in the [Secure Print] dialog box on your print driver.

4. Press the <▶> or <Eject/Set> button to accept the selection.
   A screen that allows you to enter a password is displayed.

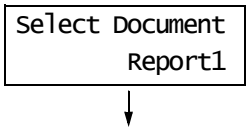


5. Enter your password using the <▲> and <▼> buttons. Use the <▶> button to move the cursor.



Note
- Enter the password set under [Secure Print Passcode] in the [Secure Print] dialog box on your print driver.

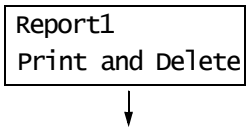
6. Press the <Eject/Set> button to confirm your setting.
   The name of a document stored in the printer is displayed.



7. Press the <▼> button until the desired document name is displayed.

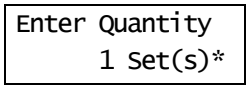
Note
- The document name is the name (of up to 12 bytes) set under [Document Name] in the [Secure Print] dialog box on your print driver.
- When more than one document is stored in the printer, you can also select [All Documents].

8. Press the <▶> or <Eject/Set> button to accept the selection.
   A screen that allows you to set whether to delete or save the document after printing it is displayed.



Note
- If you want to delete the document without printing, press the <▼> button, display [Delete], and then press the <Eject/Set> button.
- If you want to save the document in the memory after printing, press the <▼> button, display [Print and Save], and proceed to Step 9.

9. Press the <▶> or <Eject/Set> button to accept the selection.
   A screen that allows you to enter the print quantity is displayed.



10. Enter the quantity using the <▲> button.

Note
- If you selected [All Documents] in Step 7, select either [Use PC Settings] (the printer prints in the print quantity specified on the print driver) or [xxx Set(s)] (you must enter the print quantity).

11. Press the <Eject/Set> button to print the document.
    The printing starts.

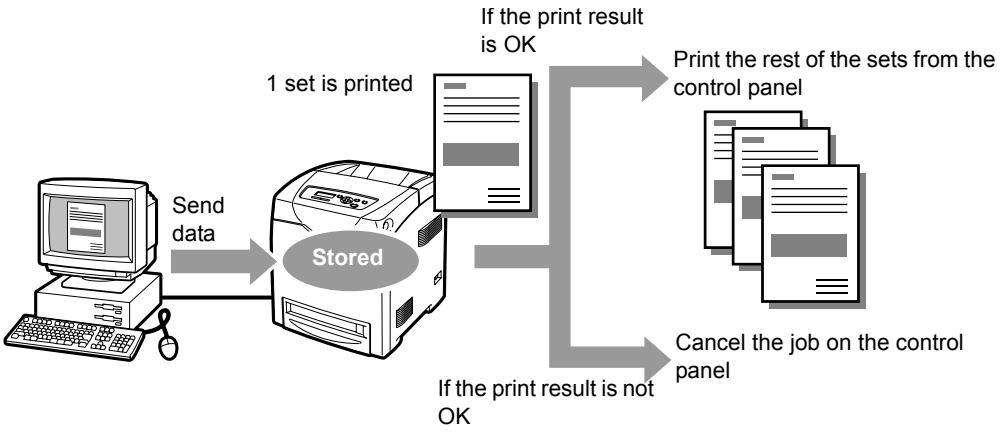
3.5 Printing After Checking the Print Result - Sample Print -

If your printer has the hard disk or the additional memory (optional) installed, you can use the Sample Print feature.

Important
- As data is stored in the RAM disk, the data is erased when the printer is switched off.
- In case the hard disk fails, we recommend you to back up the hard disk data on your computer.

Sample Print Feature

Sample Print is a feature that allows you to store the print data of multiple copies in the memory, print out only the first set to check the print result and if satisfactory, print the remaining copies from the control panel.


If the print result is OK
1 set is printed
Print the rest of the sets from the control panel
Send data
Stored
Cancel the job on the control panel
If the print result is not OK

Note
- To delete a Sample Print job without printing, refer to "Operations on the Control Panel" (P. 56).
- To use the Sample Print feature with the RAM disk, configure the following settings.
  - Set [RAM Disk] to [Available] on the [Options] tab in the properties dialog box that is displayed by clicking the printer icon. For details, refer to "Changing the Accessory Configuration on the Print Driver" (P. 182).
  - Set [Admin Menu] > [System Settings] > [RAM Disk] to other than [Off] on the control panel.

Printing Using the Sample Print Feature

The following explains how to sample print a job.

To sample print a job, configure the following settings on your computer and send the job to the printer. Then, operate the control panel to manually start printing.

Operations on Your Computer

The following procedure uses Windows XP WordPad as an example.

Note
- The method of displaying the properties dialog box varies depending on the application being used. Consult the documentation for your application.

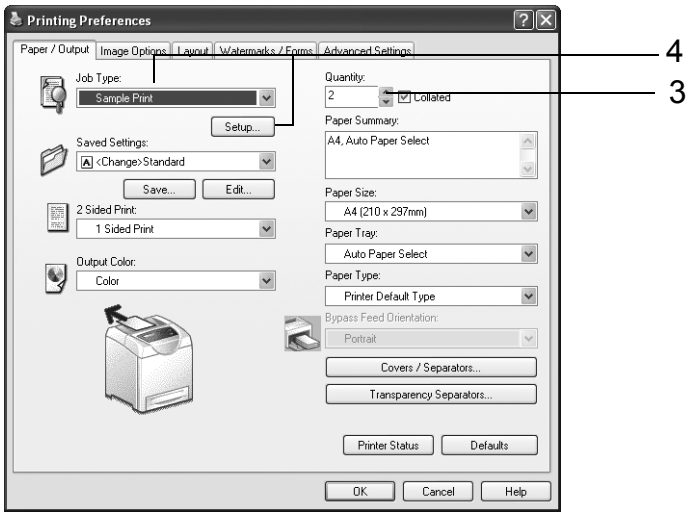
1. On the [File] menu, click [Print].

2. Select the printer from the [Select Printer] list box, and then click [Preferences].

3. The [Paper / Output] tab appears.
   Under [Quantity], set the print quantity.

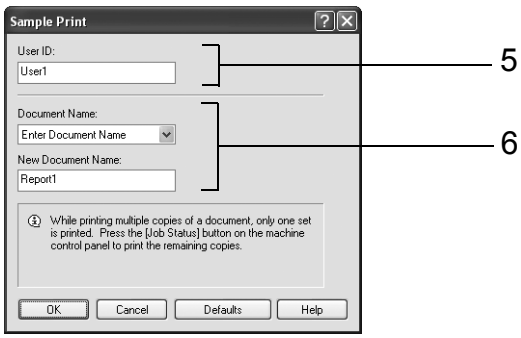
Note
- The first sample set is not included in the print quantity set under [Quantity].

4. From [Job Type], select [Sample Print] and click [Setup].
   The [Sample Print] dialog box appears.



5. Enter your user ID into [User ID].
   The user ID can be up to 8 bytes of alphanumeric characters.

6. From [Document Name], select [Enter Document Name] or [Use Existing Name].
   When [Enter Document Name] is selected, enter the desired document name in [New Document Name] within 12 bytes.
   When [Use Existing Name] is selected, the document name will be the name of the document to be printed. If the printer cannot identify the name of the document, the date and time that the document will be printed will be its name.



7. Click [OK] to close the [Sample Print] dialog box.

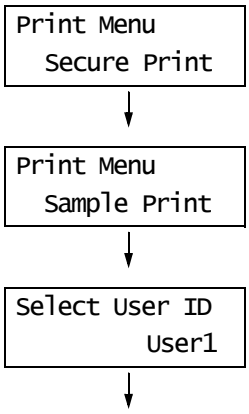
8. Click [OK] to close the [Printing Preferences] dialog box.

9. Click [Print] in the [Print] dialog box to start printing.

Operations on the Control Panel

The following explains how to print or delete a Sample Print job depending on its print result.

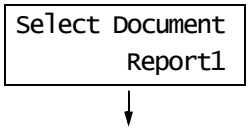
1. Press the <◀> button on the control panel.



2. Press the <▼> button until [Sample Print] is displayed.
3. Press the <▶> or <Eject/Set> button to accept the selection.
   A user ID is displayed.
4. Press the <▼> button until the desired user ID is displayed.

Note
- The user ID is the ID set under [User ID] in the [Sample Print] dialog box on your print driver.

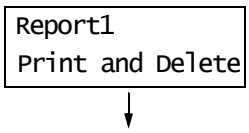
5. Press the <▶> or <Eject/Set> button to accept the selection.
   The document name stored in the printer is displayed.



6. Press the <▼> button until the desired document name is displayed.

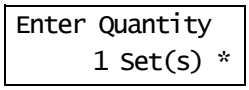
Note
- The document name is the name (of up to 12 bytes) set under [Document Name] in the [Sample Print] dialog box on your print driver.
- When more than one document is stored in the printer, you can also select [All Documents].

7. Press the <▶> or <Eject/Set> button to accept the selection.
   A screen that allows you to set whether to delete or save the document after printing it is displayed.



Note
- If you want to delete the document without printing, press the <▼> button, display [Delete], and then press the <Eject/Set> button.
- If you want to save the document in the memory after printing, press the <▼> button, display [Print and Save], and proceed to Step 8.

8. If printing the document, select the desired option by pressing the <▶> button.
9. Enter the print quantity using the <▲> button.



Note

- If you selected [All Documents] in Step 6, select either [Use PC Settings] (the printer prints in the print quantity specified on the print driver) or [xxx Set(s)] (you must enter the print quantity).

10. Press the <Eject/Set> button to print the document.
    The printing starts.

3.6 Printing PDF Files Directly

Some PDF files can be sent directly to the printer without using a print driver. Printing PDF files directly is much easier and faster when compared to printing them using a print driver.

Important
- If you print a PDF file directly without using a print driver, the date/time, document name on [Job History Report] will be blank. If you print the file with a banner sheet, the date/time and document name will not be printed on the banner sheet.

■ PDF Bridge Feature

PDF Bridge is a feature that comes standard with the printer. The methods to print PDF files using the PDF Bridge feature are as follows:

- Using ContentsBridge Utility (software by Fuji Xerox Co., Ltd.)
  When using ContentsBridge Utility, refer to the manual included on the CD-ROM of the Driver CD Kit.
- Using commands such as lpr and ftp
  When using commands such as lpr and ftp, refer to "Printing PDF Files without Using ContentsBridge Utility" (P. 58).

Note
- To print using the PDF Bridge feature, the hard disk or the additional memory (optional) may be required.

Supported PDF Files

PDF files created on Adobe Acrobat 4, Adobe Acrobat 5 (excluding some of the features added to PDF1.4), or Adobe Acrobat 6 (excluding some of the features added to PDF1.5) can be printed on the printer.

Note
- Some PDF files cannot be printed directly depending on how they are created. In such case, open the files and print them using a print driver.

Printing PDF Files without Using ContentsBridge Utility

PDF files can be sent directly to the printer using commands such as lpr and ftp instead of ContentsBridge Utility. When printing using commands, the following [PDF] settings on the control panel become effective.

- Quantity
- 2-Sided Print
- Print Mode
- Password
- Collated
- Output Size
- Layout
- Output Color

Refer to
- "PDF" (P. 93)

Note
- When printing using lpr command, the print quantity must be set also using lpr command. In such case, the [Quantity] setting on the control panel becomes invalid. If you do not specify the quantity using lpr command, the printer recognizes the quantity as "1 set".

To print PDF files using lpr or ftp command, you must enable the printer's LPD or FTP port on the control panel or CentreWare Internet Services (default: [Enable]).

Refer to
- "Protocol" (P. 86)

The following explains how to print PDF files using lpr and ftp commands.

Note
- In the following examples, the characters in bold typeface indicate the text to be entered.
- Spaces are indicated with △.

■ Using lpr Command

Supported Operating Systems

Windows NT 4.0/Windows 2000/Windows XP (x32/x64)/Windows Server 2003 (x32/x64)/ Windows Vista (x32/x64)/Windows Server 2008 (x32/x64)

Example

In a command prompt, enter a command as follows.

Example: A command for printing "event.pdf" when the printer's IP address is 192.168.1.100.

```
C:\>lpr△-S△192.168.1.100△-P△lp△event.pdf <Enter> key
```

■ Using ftp Command

Supported Operating Systems

Windows NT 4.0/Windows 2000/Windows XP (x32/x64)/Windows Server 2003 (x32/x64)/ Windows Vista (x32/x64)/Windows Server 2008 (x32/x64)

Example

In a command prompt, enter a command as follows.

Example: A command for printing "event.pdf" when the printer's IP address is 192.168.1.100.

```
C:\>ftp△192.168.1.100 <Enter> key
Connected to 192.168.1.100.
220 FUJI XEROX DocuPrint C3300 DX
User (192.168.1.100:(none)): <Enter> key
331 Password required
Password: <Enter> key
230 Logged in
ftp>bin <Enter> key
200 Command successful
ftp>put△event.pdf <Enter> key
200 Command successful
150 Opening data connection
226 Transfer complete
ftp: xxxxx bytes sent in xxxSeconds xxxxxkbytes/sec.
ftp>
```

3.7 Printing XPS Files

This printer supports printing XPS files created on Windows Vista or Windows Server 2008.

You can print XPS files in the following ways:

- Print XPS files directly from a Windows Vista or Windows Server 2008 application via an XPS driver.
- Use Fuji Xerox ContentsBridge Utility.

Note

- XPS stands for XML Paper Specification.
- To print XPS files via an XPS driver, refer to "A.4 Obtaining the Product Information" (P. 179) and access our Web site to download the XPS driver. For information on using the XPS driver, refer to the Web page where the driver is downloaded.
- To print XPS files using ContentsBridge Utility, refer to the documentation included in the Driver CD Kit CD-ROM.

Setup for Printing XPS Files

Before printing XPS files with this printer, use the control panel to make the following settings:

- WSD setting (Port Status)
- XPS setting (Print Ticket)

Operations on the Control Panel

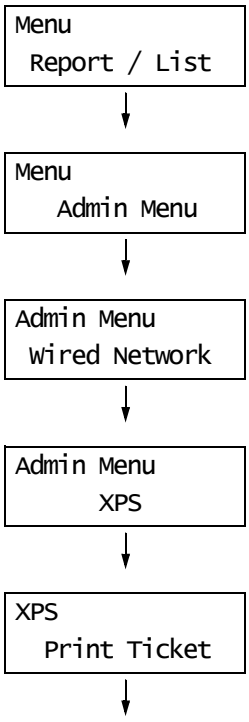
Use the following procedure to configure WSD and XPS settings.

Note

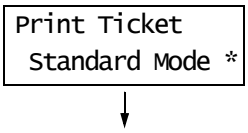
- When the menu screen is left idle for 3 minutes, the display returns to the print screen. If any incomplete setting on the menu screen is made before that, the setting is discarded.
- By default, a WSD port is set to [Enable]. If this setting is unchanged, you do not need to configure the WSD setting.

■ XPS Setting

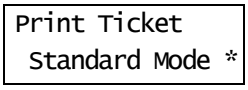
1. Press the <Menu> button on the control panel to display the menu screen.
2. Press the <▼> button until [Admin Menu] is displayed.
3. Press the <►> or <Eject/Set> button to accept the selection.
   [Wired Network] is displayed.
4. Press the <▼> button until [XPS] is displayed.
5. Press the <►> or <Eject/Set> button to accept the selection.
   [Print Ticket] is displayed.



6. Press the <▶> or <Eject/Set> button to accept the selection.
   The current setting is displayed.



7. Press the <▼> button to select either [Standard Mode] or [CompatibleMode].
8. Confirm your selection by pressing the <Eject/Set> button.



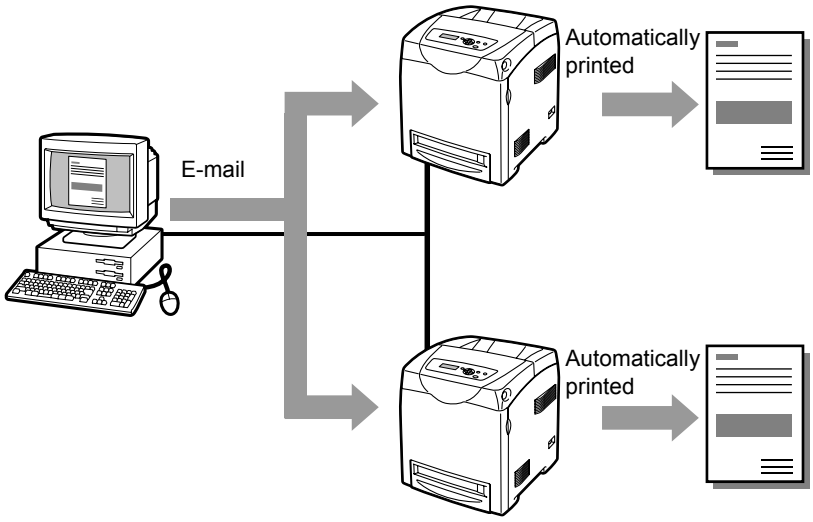
Refer to

- For information on [Standard Mode] and [CompatibleMode], refer to "XPS" (P. 96).

3.8 Printing Using E-mail - E-mail Print -

If the printer is networked and set up for e-mail and TCP/IP communication, you can send e-mails to the printer.

The printer can automatically print e-mails and PDF files attached to e-mails. This feature is called "E-mail Print".



Setting the E-mail Print Feature

To use the E-mail Print feature, you must configure the servers on your network (such as SMTP and POP3 servers).

Note

- Please have your network administrator configure the e-mail settings. Defining wrong e-mail settings can cause problems in the network.

Network Environment

- Create an e-mail account.

E-mail Environment (Printer)

Set the following items under the [Properties] tab on CentreWare Internet Services.

Note
- After changing the settings on CentreWare Internet Services, make sure to click the [Apply] button and reboot the printer.
- For information about each item, refer to the online help for CentreWare Internet Services.

Item	Setting Item	Description
Port Status	E-mail Print	Select [Enabled].
Protocol Settings > E-mail	Machine's E-mail Address	Set the printer's e-mail address. This address will appear as "From:" on e-mails sent from the printer.
	SMTP Server Address	Set the IP address of the outgoing e-mail server to be connected via SMTP protocol or the FQDN (Fully Qualified Domain Name).
	SMTP Server Port Number	Set the port number used on the SMTP server.
	E-mail Send Authentication	Set the authentication method to be used on the SMTP server.
	Login Name	Set the login user name for the SMTP server.
	Password	Set the login password for the SMTP server.
	POP3 Server Address	Set the IP address of the incoming e-mail server to be connected via POP3 protocol or the FQDN (Fully Qualified Domain Name).
	POP3 Server Port Number	Set the port number used on the POP3 server.
	Login Name	Set the login user name for the POP3 server.
	Password	Set the login password for the POP3 server.
	POP3 Server Check Interval	Set the intervals to check for new e-mails on the POP3 server.
	APOP Settings	Select [Enabled] if the POP3 server supports APOP.
	Permitted E-mail Address	If controlling e-mail reception, set the e-mail addresses of users who are permitted to send e-mails to the printer. If you do not specify addresses, the printer will accept e-mails from all users.
	Password	When using a password to restrict printing of e-mails sent to the printer, enter the password for [StatusMessenger Password] and [Password for Print Job].

Supported E-mail Attachments

Files of the following format can be attached to e-mails:

- PDF files

To Send E-mails

To perform E-mail Print, enter the printer's address in the "To:" field on your e-mail application.

Then, enter the following commands in the subject field or in the body message and enter the text or attach the PDF file you want to print.

Note

- The method of sending e-mails varies depending on the application being used. Consult the documentation for your e-mail application.
- Set the e-mail format to "Text" instead of "HTML". This feature does not support "HTML" format.
- To print the body messages of e-mails, enter the text in ASCII codes.

■ To Specify Commands in the Body Message

The following commands can be specified in the body message.

The subject can be whatever you like.

Command	Parameter	Description
#Password	Password	When [Password for Print Job] is set, make sure to start your e-mail with this command. When the password is not set, you do not need to enter this command.
#Print	(None)	This command prints the text entered after the "#Print". When a PDF file is attached to your e-mail, this command also prints the PDF file.

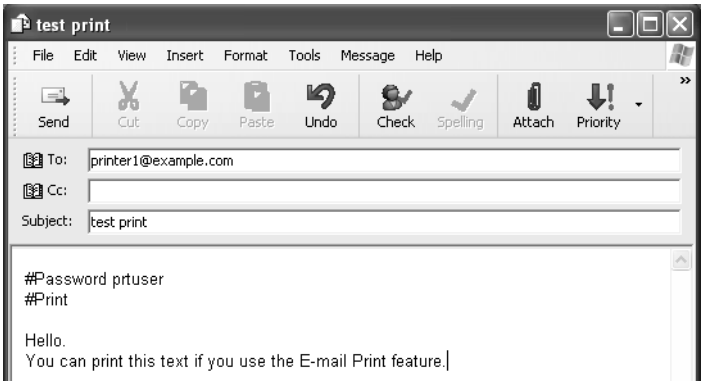
Example

Follow these guidelines when entering commands in e-mails.

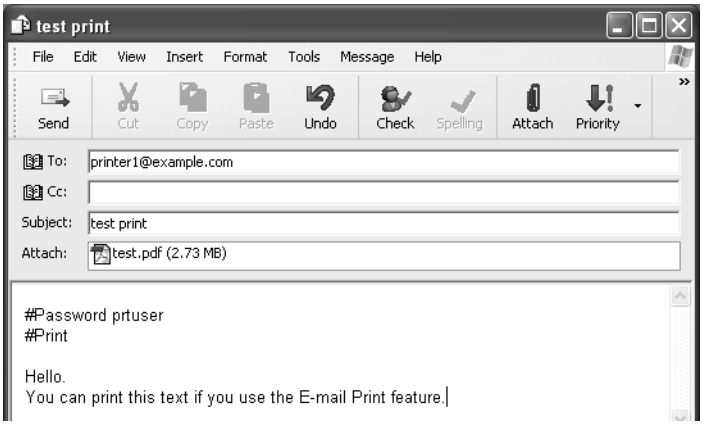
- Commands are not case sensitive.
- If [Password for Print Job] is set, start your e-mail with "#Password".
- Prefix each command with "#". Any command that does not start with "#" will be ignored.
- Place only one command per line and separate each command or parameter with a space or a tab.
- When the same command is entered more than once in one e-mail, only the first one will be valid and the rest will be ignored.

The following explains how to write commands in e-mails, using Outlook Express as an example. Here, we suppose that the printer's e-mail address is "printer1@example.com" and [Password for Print Job] is "prtuser".

1. To print the text in the body message:


test print
File Edit View Insert Format Tools Message Help
Send Cut Copy Paste Undo Check Spelling Attach Priority
To: printer1@example.com
Cc:
Subject: test print
#Password prtuser
#Print
Hello.
You can print this text if you use the E-mail Print feature.

2. To print the document attached to the e-mail:


test print
File Edit View Insert Format Tools Message Help
Send Cut Copy Paste Undo Check Spelling Attach Priority
To: printer1@example.com
Cc:
Subject: test print
Attach: test.pdf (2.73 MB)
#Password prtuser
#Print
Hello.
You can print this text if you use the E-mail Print feature.

Note

- When there is no text entered after the "#Print", the body message will not be printed.
- You can attach multiple documents (PDF files) to one e-mail.

■ To Specify Commands in the Subject Field

The following commands can be specified in the subject field.

Command	Description
#Print xxx (xxx: password)	When [Password for Print Job] is set, make sure to enter a space and then the password after the "#Print". When the password is not set, enter "#Print" only. Example) #Print #Print prtuser
#Print[xxx] (xxx: password)	When [Password for Print Job] is set, enter the password enclosed with brackets ([ ]) after the "#Print". Do not enter a space between the "#Print" and "[". Example) #Print[prtuser]

When the "#Print" command is specified in the subject field, both the body message and the attached PDF file will be printed.

However, when no text is entered in the first line of the body message (including a line that only contains a line-feed or a space), the message will not be printed.

■ Confirmation E-mail from the Printer

The printer returns the following e-mail when it receives an e-mail containing the "#Print" command. This e-mail informs the recipient whether his or her request has been accepted.

Important

- This feature becomes effective only when the [Properties] tab > [E-mail] > [E-mail Send Authentication] is set to [Invalid] (default) on CentreWare Internet Services. When [E-mail Send Authentication] is valid, the printer will not send confirmation e-mails. For information about [E-mail Send Authentication], refer to the online help for CentreWare Internet Services.

Note

- When the "#Print" command is specified in the subject field, the subject of the return e-mail will be "Re:#Print" and does not show the password specified after it.

```
Subject : Re: test print
   Date : Wed, 22 Feb 2006 16:11:39 +0900 (JST)
   From : printer1@example.com
     To : user1@example.com

[E-Mail Printing]
 - Command received.
```

Precautions When Using the E-mail Print Feature

Security Precautions

E-mail uses the Internet, a network connecting computers around the world, as its transmission medium. So, exchanging e-mails involves security risks, such as information leakage and tampering.

When exchanging important or confidential information, we recommend you to use a method other than e-mail that guarantees security. And to prevent unwanted e-mails, we encourage you not to give out the printer's e-mail address unless necessary.

Setting the Access-Permitted Domains

The printer can be programmed to receive e-mails only from particular domains.

For more information, refer to the online help provided for CentreWare Internet Services.

Precautions When Connecting the Printer with an Internet Provider

- If your Internet provider does not bill you a flat rate, or if you do not have full-time access to the Internet, you will be charged every time the printer retrieves data from the e-mail server.
- Make sure to connect the printer in an IP masqueraded environment. This feature may not function properly when the printer is connected to the Internet with a global IP address assigned.
- When enabling POP access, make sure to create an e-mail account specific for the printer. Using a shared e-mail account can cause problems.
- When the circuit speed of the Internet is slow, it may take time to receive large data such as graphics.
- When connecting the printer to an Internet environment where MTA is running in a private segment, configure the settings according to your operating needs.

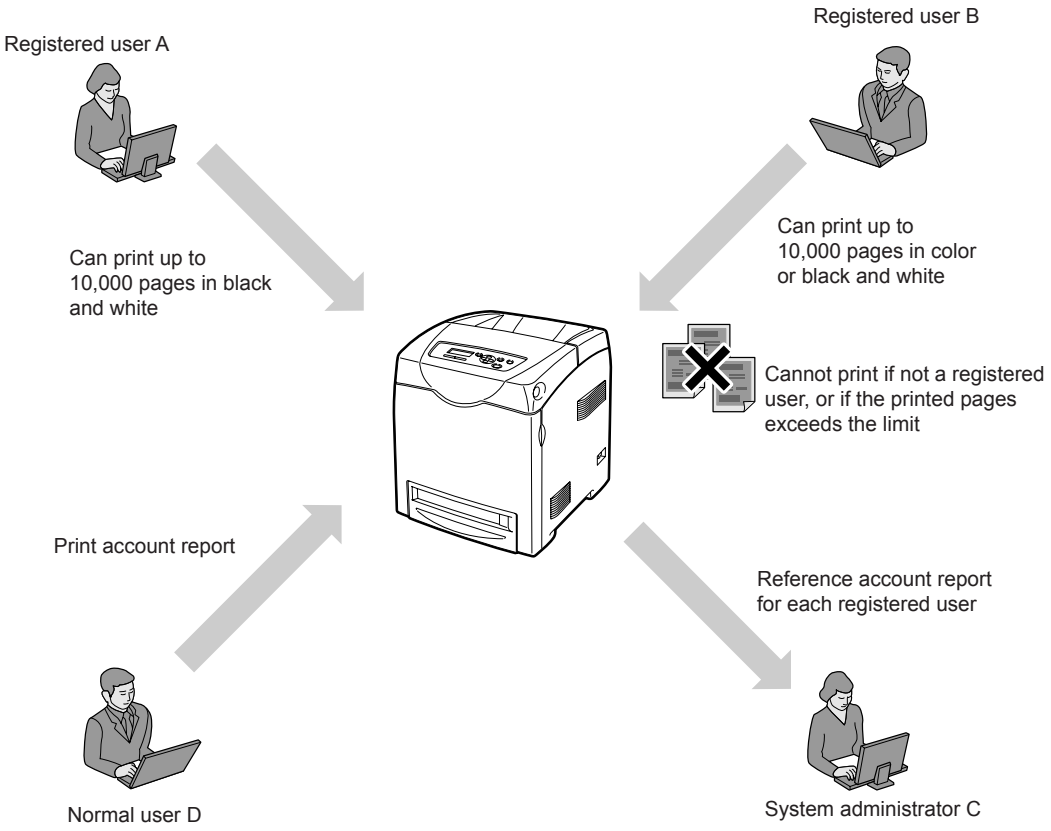
Job History for E-mail Print Jobs

- If you view the history of E-mail Print jobs on CentreWare Internet Services, [Job Name], [Owner], [Host Name], [Host I/F], and [Job Submission Time] will be blank. The above items will also be blank in the [Job History Report]. [Input Port] in the [Job History Report] will be printed as [Other].

3.9 Auditron Function

The Auditron function contains an authentication function that can set limits on what processes can be used, as well as an account management function that can be used to control usage based on authentication.

This section explains important information about the function and about settings that are required to use the function.


Registered user A
Registered user B
Can print up to 10,000 pages in black and white
Can print up to 10,000 pages in color or black and white
Cannot print if not a registered user, or if the printed pages exceeds the limit
Print account report
Reference account report for each registered user
Normal user D
System administrator C

4 Paper

4.1 About Paper

Using paper that is not appropriate for the printer can cause paper jams, image quality problems, or printer failure. To use the printer at its best performance, we recommend you to use only the paper described in this section.

⚠ WARNING
- Do not use conductive paper such as origami paper, carbonic paper or conductively-coated paper. When paper jam occurs, it may cause short-circuit and eventually a fire accident.

Supported Paper

Supported Paper Sizes and Types

The following table lists the supported paper sizes, paper types, and the capacity of each paper tray.

Note
- G.S.M. (gram per square meter) refers to a weight in grams of one square meter of paper.

Paper Tray	Paper Size	Paper Type (G.S.M.)	Maximum Capacity
Bypass Tray	A5 ☐, B5 ☐, A4 ☐, 8.5 × 11" ☐, 8.5 × 13" ☐, 8.5 × 14" ☐, 7.25 × 10.5" ☐, envelope (COM-10 (4.1 × 9.5") ☐, Monarch (3.9 × 7.5") ☐, DL (110 × 220 mm) ☐, C5 (162 × 229 mm) ☐), custom size paper (width: 76.2 - 220 mm; length: 98 - 355.6 mm)	Plain, Bond, Heavyweight 1 (106 - 163 g/m^2), Heavyweight 2 (164 - 216 g/m^2), Labels, Coated 1 (95 - 105 g/m^2), Coated 2 (106 - 163 g/m^2), Coated 3 (164 - 216 g/m^2), Envelope, Recycled, Transparency	150 sheets (FX P paper) or up to 15.0 mm high Envelope: • Up to 10 sheets **Important** • Load coated paper one sheet at a time. Loading multiple sheets together damps the paper, resulting in multi-feeds and printer failure.
Paper Tray	A5 ☐, B5 ☐, A4 ☐, 8.5 × 11" ☐, 8.5 × 13" ☐, 8.5 × 14" ☐, 7.25 × 10.5" ☐, custom size paper (width: 148 - 215.9 mm; length: 210 - 355.6 mm)	Plain, Bond, Heavyweight 1 (106 - 163 g/m^2), Heavyweight 2 (164 - 216 g/m^2), Labels, Coated 1 (95 - 105 g/m^2), Coated 2 (106 - 163 g/m^2), Coated 3 (164 - 216 g/m^2), Recycled	DocuPrint C3300 DX 550 sheets (FX P paper) or up to 59.4 mm high DocuPrint C2200 250 sheets (FX P paper) or up to 27.6 mm high

Important

- Be sure to set the correct paper sizes, paper types, and paper trays on the print driver or control panel when printing.
  Loading paper that is not supported or defining wrong settings can cause paper jams.
- Moisture, such as water, rain, and humidity can cause print images to come off from paper. For more information, contact our Customer Support Center or your dealers.

Supported Paper Specifications

If using general paper (commercially available paper), make sure that it meets the following specifications. To achieve the best print quality, however, we recommend you to use the standard paper (introduced in the next page) instead.

Paper Tray	Specifications (G.S.M.)
Bypass Tray	60 - 216 g/m^2
Paper Tray	60 - 216 g/m^2 (60 - 163 g/m^2 for 2-sided printing)

Recommended/Tested Paper

The following paper and media are recommended or have been tested with the printer.

For information about other paper and media, contact our Customer Support Center or your dealers.

Product Name	G.S.M.	Paper Type Menu Name	Description
FX P Paper (Standard paper for monochrome printing)	64 g/m^2	Plain	Medium weight paper for internal office documents and general business use.
FX C2 paper (Standard paper for color printing)	70 g/m^2	Plain	Paper for general business use, suitable for both monochrome and color printing with minimum see-through.
FX C2R paper	70 g/m^2	Plain	70% recycled pulp paper suitable for both monochrome and color printing.
FX DR paper	76 g/m^2	Plain	70% recycled pulp paper suitable for color printing.
FX WR100 paper	67 g/m^2	Recycled	100% recycled pulp paper with the whiteness of bond paper.
FX Green 100 paper	67 g/m^2	Recycled	100% recycled pulp paper with minimum whiteness.
Recycled Color 100 paper	67 g/m^2	Recycled	100% recycled pulp paper with a color variation of four types: cream, light blue, pink, and light green
FX J paper	82 g/m^2	Bond	Bond paper suitable for a variety of use, including office documents and color samples.
FX J Coated paper	95 g/m^2	Coated 1	Coated paper ideal for pictures and posters. This paper can be loaded one sheet at a time.
FX JD paper	98 g/m^2	Bond	Double-sided paper suitable for a variety of use, including brochures and booklets.
FX JD Coated paper	105 g/m^2	Coated 1	Double-sided coated paper ideal for brochures and leaflets. This paper can be loaded one sheet at a time.

Product Name	G.S.M.	Paper Type Menu Name	Description
Label (non-cut)	-	Labels	Non-cut self-adhesive label sheets.
Envelope	-	Envelope	Commercially available envelopes. Refer to "Supported Paper Sizes and Types" (P. 69) for the supported envelope sizes.

Unsupported Paper

Do not use the following types of paper or media. They can cause paper jams or printer failure.

- Transparency sheets other than those recommended. (Fuji Xerox Full Color Transparencies or the similar types)
- Ink jet paper, ink jet transparencies, or ink jet postcards
- Paper that is too heavyweight or too lightweight
- Paper pre-printed with other printer or copier
- Wrinkled, creased, or ripped paper
- Damp or wet paper
- Lumpy or curled paper
- Static-cling paper
- Pasted-up or glued paper
- Postcards with pre-printed pictures
- Specially coated paper
- Color paper with surface treatments
- Paper that is coated with anti set-off white powder (micro powder)
- Paper that has perforations
- Paper that uses ink that deteriorates with heat
- Photosensitive paper
- Carbon paper
- Paper with staples, clips, ribbons, or tape
- Paper with rough surface, such as pulp paper or fibrous paper
- Acid paper (Texts printed on acid paper may blur. In such case, use alkaline paper instead.)
- Envelopes that are not flat, or that have clasps
- Label paper with some labels already peeled off
- Tack film
- Water transfer paper
- Textile transfer paper

Important

- If you load postcards with pre-printed pictures, the anti set-off powder sticks to the feed rolls, preventing the postcards from being fed properly.

Storing and Handling Paper

Paper stored in poor conditions can get deteriorated, resulting in paper jams, curled paper, image quality problems, or printer failure. Use the following guidelines when storing paper.

Paper Storage Environment

- Temperature: 10 - 30°C
- Relative humidity: 30 - 65%

Paper Storage Guidelines

- Re-wrap partly used packages of paper, and store them away from humidity such as in a cabinet.
- Store paper flat. Do not store it upright.
- Avoid paper from getting wrinkled, curled, or creased.
- Do not expose paper in direct sunlight.

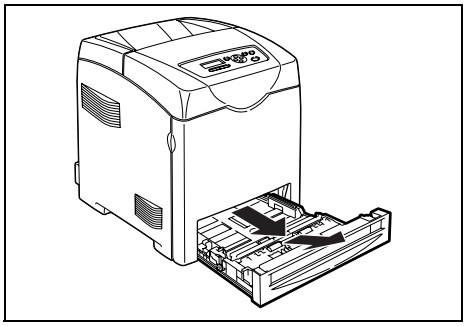
4.2 Loading Paper

Loading Paper in the Paper Tray

This section describes how to load paper in the standard and optional paper trays. All trays are loaded the same way.

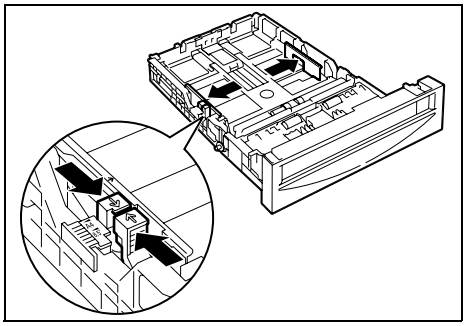
Important
- Do not remove the tray during printing. It may cause a paper jam.

1. Pull the tray out of the printer until it stops. Hold the tray with both hands, lift the front slightly, and remove it from the printer.

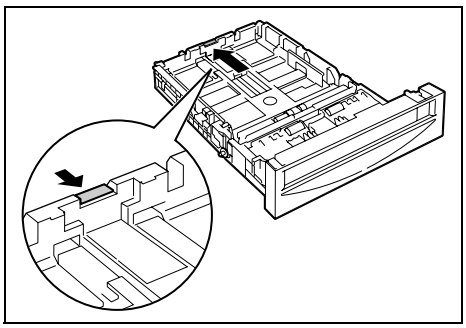


2. Slide the width guides to the edge of the tray. The width guides should be fully extended.

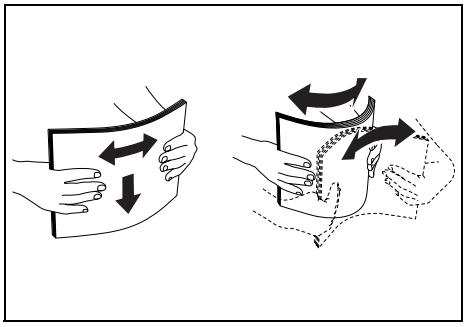
Note
- When loading paper that is 8.5 inches wide such as Letter or Legal size paper, set the tab on the side of the tray to the [8.5"] position.



3. While gently pressing the level on the back of the tray inwards, extend the tray to fit the paper size.



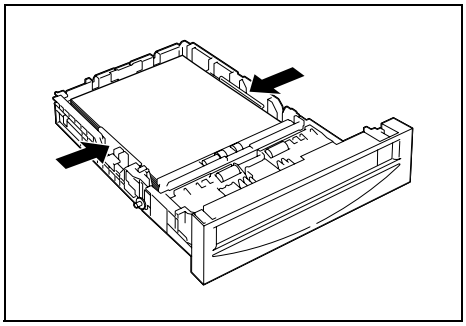
4. Before loading the print media, flex the sheets back and forth, and then fan them. Straighten the edges of the stack on a level surface.



5. Place the print media into the tray with the recommended print side face up.

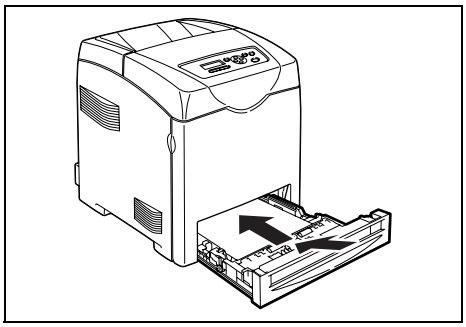
Important
- Do not exceed the maximum fill line in the tray. Overfilling the tray may cause paper jams.

6. Slide the width guides until they rest lightly against the edge of the print media stack.



7. Insert the tray into the printer, and push until it stops.

Important
- Do not use excessive force on the tray. Doing so could damage the tray or the inside of the printer.



Loading Paper in the Bypass Tray

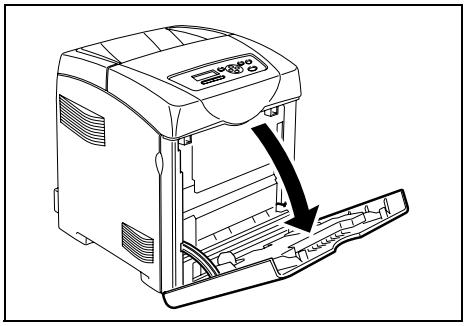
In addition to plain paper, the bypass tray can use various other sizes and types of print media such as envelopes and transparencies.

Make sure of the following points when loading paper in the bypass tray.

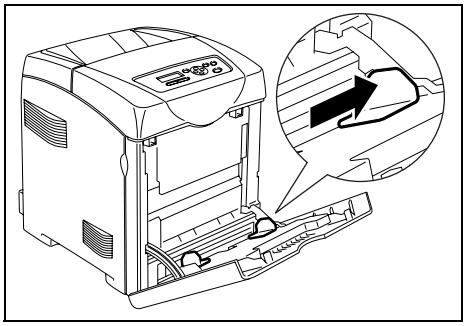
- You can load up to 150 sheets or a stack of paper (60 g/m^2 to 216 g/m^2) less than 15 mm high.
- The bypass tray accepts print media within the following dimensions:
  - Width: 76.2 mm to 220.0 mm
  - Length: 98.0 mm to 355.6 mm
- You can load paper up to 355.6 mm long. When the settings on the print driver and control panel disagree, follow the instructions displayed on the control panel.

Important
- Make sure of the following points to avoid any troubles during printing.
  - Do not load different types of paper at the same time.
  - Use high quality paper for laser printers to print at high quality. Refer to "4.1 About Paper" (P. 69) for details.
  - Do not remove or add paper to the bypass tray when printing or if there is any paper still in the bypass tray. Doing so may cause a paper jam.
  - Do not put any objects other than paper on the bypass tray. Also, do not push or force down the bypass tray.

1. Gently pull open the bypass tray cover.

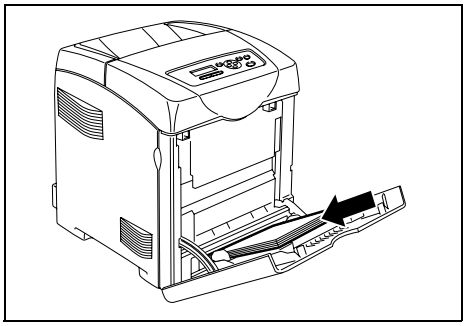


2. Slide the width guides to the edge of the tray. The width guides should be fully extended.



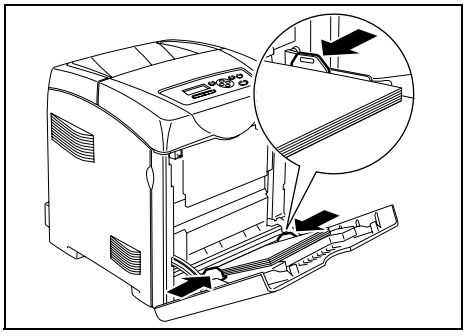
3. Insert all media face down and top edge first into the bypass tray.

Important
- Do not force the paper.



4. Slide the width guides until they rest lightly against the edge of the paper stack.

Important
- Be careful not to bend the paper.



Note
- When you print on paper fed from the bypass tray, configure the paper size and type in the print driver.
- When [Bypass Mode] is set to [Panel Specified], you need to set the paper type and size settings for the tray on the control panel in advance. For details, refer to "Setting the Paper Type and Size on the Control Panel" (P. 76).

Setting the Paper Type and Size on the Control Panel

When loading paper in the paper tray or the 550 sheet feeder (optional), it is necessary to set the paper type on the control panel.

When loading paper in the bypass tray, set the paper size and type on the print driver when printing. When [Bypass Mode] has been set to [Panel Specified] ([DriverSpecified] by default) on the control panel, you can set the paper size and type on the control panel.

The following describes how to set the paper type and size from the menu screen displayed on the control panel.

Note

- When you set [Bypass Mode] to [Panel Specified], printing will be performed only when the settings for the paper size and type configured on the control panel. When the settings on the print driver and control panel disagree, follow the instructions displayed on the control panel.
  The message to set the paper size and type is displayed on the control panel every time you load papers into each tray. Refer to "5.1 Overview of the Menus" (P. 80) for details.

Setting the Paper Type

Important

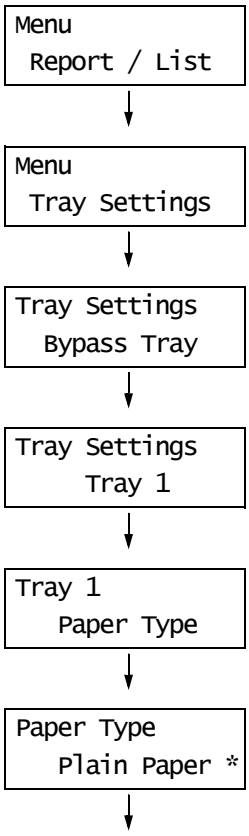
- Paper type settings must match those of the actual paper loaded in the trays. Otherwise, image quality can not be processed accurately. Toner may not fuse properly on the paper, resulting in dirty and poor quality printouts.

Refer to

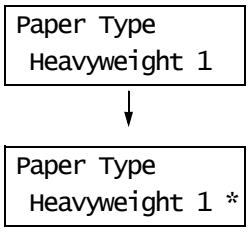
- "Supported Paper" (P. 69)

Use the following procedure when setting the paper type.

1. Press the <Menu> button on the control panel to display the menu screen.
2. Press the <▼> button until [Tray Settings] is displayed.
3. Press the <►> or <Eject/Set> button to accept the selection.
   [Bypass Tray] is displayed.
4. Press the <▼> button to select the bypass tray or paper tray.
   (Example: Tray 1)
5. Press the <►> or <Eject/Set> button to accept the selection.
   [Paper Type] is displayed.
6. Press the <►> or <Eject/Set> button to accept the selection.
   The current setting is displayed.



7. Press the <▼> button until the correct paper type is displayed for the loaded paper.
(Example: Heavyweight 1)
8. Press the <Eject/Set> button to confirm your selection.



9. Press the <Menu> button to return to the print screen.

Setting the Paper Size

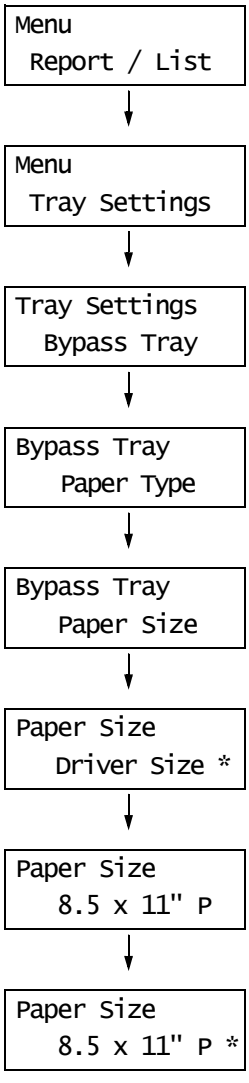
Refer to

- "Supported Paper" (P. 69)

For the paper tray, [Paper Size] is set to [Auto] as default. When using the custom sized paper for the paper tray, specify the length (Y) and width (X) under [Tray Settings] > [Tray 1] or [Tray 2] > [Paper Size] > [Custom Size].

For the bypass tray, use the following procedure when setting the paper size.

1. Press the <Menu> button on the control panel to display the menu screen.
2. Press the <▼> button until [Tray Settings] is displayed.
3. Press the <▶> or <Eject/Set> button to accept the selection.
[Bypass Tray] is displayed.
4. Press the <▶> or <Eject/Set> button to accept the selection.
[Paper Type] is displayed.
5. Press the <▼> button until [Paper Size] is displayed.
6. Press the <▶> or <Eject/Set> button to accept the selection.
The current settings is displayed.
7. Press the <▼> button until the correct paper size and orientation are displayed for the loaded paper.
(Example: 8.5 × 11" P)
8. Press the <Eject/Set> button to confirm your selection.



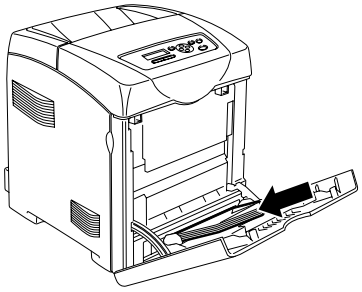
Note
- When using custom size paper, select [Custom Size] and specify the length (Y) and width (X).

9. Press the <Menu> button to return to the print screen.

Notes on Loading Envelopes

To load envelopes in the bypass tray, insert the envelopes with the flaps closed. The print side must be facing down. You can load envelopes up to the maximum fill line in the tray at one time.

Sometimes the wrinkle might be generated on envelopes. In that case it is likely to be improved by changing the position of the flap.

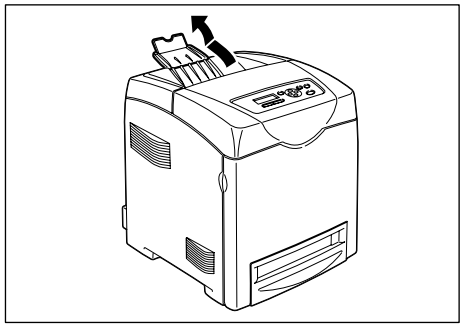


Important

- For best performance, do not use envelopes that:
  - Have excessive curl or twist
  - Are stuck together or damaged in any way
  - Contain windows, holes, perforations, cutouts, embossing
  - Use metal clasps, string ties, or metal folding bars
  - Have an interlocking design
  - Have postage stamps attached
  - Have any exposed adhesive when the flap is in the sealed or closed position
  - Have nicked edges or bent corners
  - Have rough, cockle, or laid finishes

Extending the Output Tray Extension

The output tray extension prevents printed output from falling off the printer.
When printing documents, extend the output tray extension.



5 Control Panel Menus

5.1 Overview of the Menus

Menu Configuration

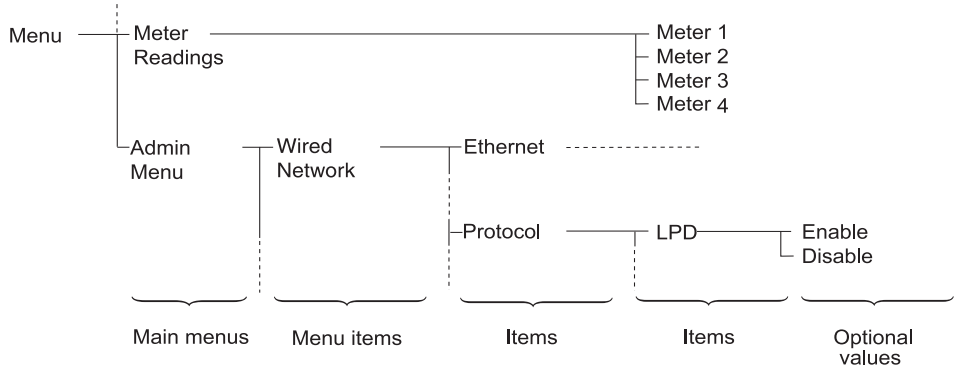
The menus that can be accessed from the control panel are as follows:

Menu	Content
Report / List	Use the [Report / List] menu to print various types of reports and lists.
Meter Readings	Use the [Meter Readings] menu to display the number of printed pages to date on the control panel.
Admin Menu	• [Wired Network] Use this menu to configure the wired network settings. • [USB Settings] Use this menu to specify the USB interface for PostScript. • [System Settings] Use this menu to make the printer operation settings such as for alarm and Power Saver mode. • [Maintenance Mode] Use this menu to set the settings for various maintenance tasks. • [PDF] Use this menu to specify the settings for printing PDF files directly. • [PCL] Use this menu to specify the PCL settings. • [PostScript] Use this menu to specify the PostScript settings. • [XPS] Use this menu to specify the XPS-related settings. • [Panel Settings] Use this menu to specify whether to limit the menu operations with a password.
Tray Settings	Use the [Tray Settings] menu to define the print media loaded in the paper tray and bypass tray.

Refer to
• For details on each menu, refer to "5.2 Description of Menu Items" (P. 83).

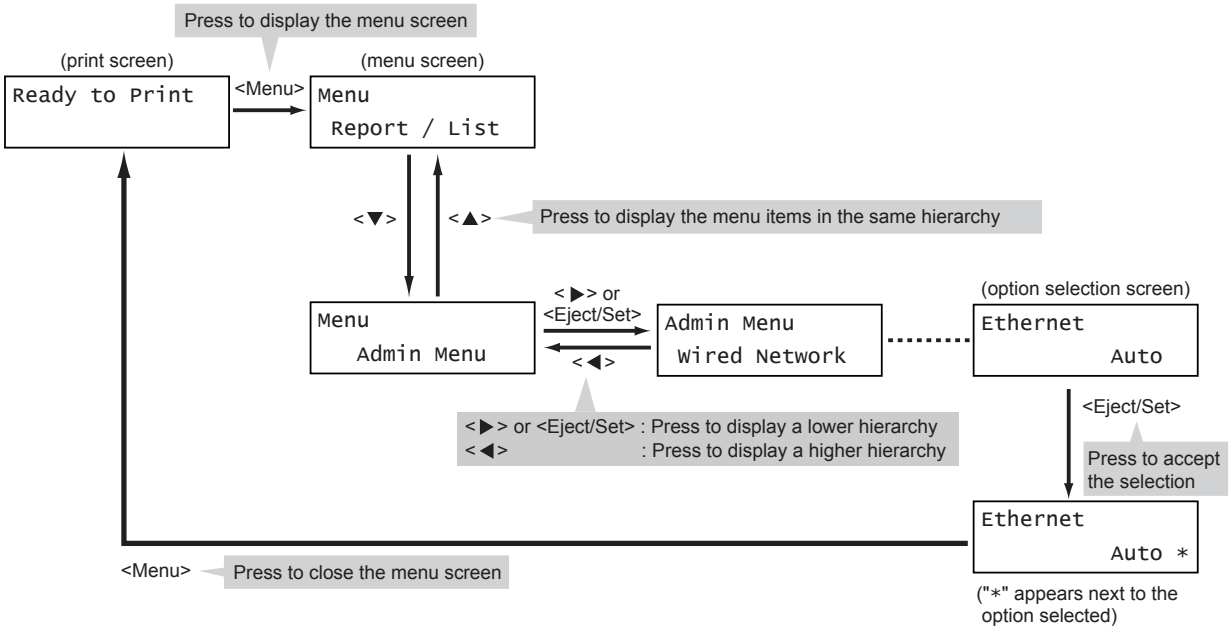
The menu is divided into different levels. Set the printer settings by selecting the objective menus or items.

The following diagram shows some parts of the menu structure. The structure differs depending on the menu.



Basic Procedure

To display a menu screen or to move up and down the menus, use the following buttons on the control panel.



Note

- Once you save a value by pressing the <Eject/Set> button, an asterisk "*" appears next to the value. To change the value, return to the initial screen and repeat the preceding steps.
- If the menu screen is left idle for 3 minutes, the display returns to the print screen. Any incomplete setting on the menu screen made 3 minutes before becomes invalid.

Resetting a Value to Its Default

To reset a value to its default, display the value and press the <▲> and <▼> buttons simultaneously. The value changes to its factory setting. To accept the value, press the <Eject/Set> button.

Setting Example:
Changing the Power Saver Mode Setting

Use the following procedure to set a value on the control panel.

In this example, we will set [Low Power Timer] (an interval at which the printer switches to the Low Power mode) to [60 Minutes].

1. Press the <Menu> button to display the menu screen.

2. Press the <▼> button until [Admin Menu] is displayed.

Note
- If you went past the desired item, return to the item by pressing the <▲> button.

3. Press the <▶> or <Eject/Set> button to accept the selection.
   Move on to the lower hierarchy.

Note
- If you pressed the <▶> button on the wrong item, return to the previous screen by pressing the <◀> button.
- To start over from the beginning, press the <Menu> button.

4. Press the <▼> button until [System Settings] is displayed.

5. Press the <▶> or <Eject/Set> button to accept the selection.
   [Low Power Timer] is displayed.

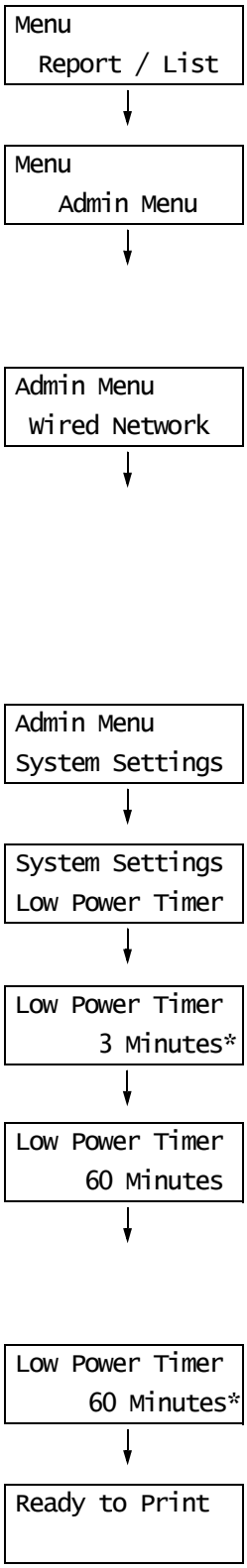
6. Press the <▶> or <Eject/Set> button to accept the selection.
   The current set value appears.

7. Press the <▲> or <▼> button to display [60 Minutes].

Note
- Holding down the <▲> or <▼> button scrolls through the options in a circular fashion.

8. Press the <Eject/Set> button to accept the value.

9. The setting is now complete.
   Press the <Menu> button to return to the [Ready to Print] screen.



5.2 Description of Menu Items

This section describes the items that can be configured on each menu.

Note
- The menus and items to be displayed may vary depending on your printer model and its configuration.

Report / List

Prints various types of reports and lists.

Note
- For information on how to print reports and lists, refer to "Printing a Report/List" (P. 137).
- The reports and lists are all printed in English.

Item	Description
Printer Settings	Lists the total number of prints, the printer's hardware configuration, network information, and the status of various settings. Print this list to see if the options are correctly installed on the printer.
Panel Settings	Lists the values of the settings configured on the control panel.
PCL Font List	Lists the supported PCL fonts and samples of these fonts.
PCL Macro List	Lists the information about the PCL macros downloaded to the printer.
PS Font List	Lists the supported PostScript fonts and samples of these fonts.
PDF Font List	Lists the supported PDF fonts and samples of these fonts.
Job History	Lists the last 20 print jobs processed on the printer. You can print this report to check the completion status of your job.
Error History	Lists up to the latest 42 jam errors and 42 fatal errors that occurred in the printer.
Print Meter	Lists the number of printed pages/sheets to date by computer (job owner). This report cannot be printed when the Authentication feature is enabled. The [Auditron Report] can be printed instead.
Demo Print	Prints a sample of the document (A4 Sample / 2-Sided Sample) to check the printer's performance.
Stored Documents	Lists the documents stored in the printer via the Secure Print/Sample Print feature. **Note** • This list can be printed only when the hard disk or the additional memory (optional) is installed. **Refer to** • "3.4 Printing Confidential Documents - Secure Print -" (P. 50) • "3.5 Printing After Checking the Print Result - Sample Print -" (P. 54)

Meter Readings

Displays the number of printed pages on the control panel. The meter is divided according to the color modes.

Note
- For information on how to check the number of printed pages, refer to "7.3 Checking Printed Pages" (P. 138).

Item	Description
Meter 1	Displays the total number of color prints.
Meter 2	Displays the total number of monochrome prints.
Meter 3	Normally not used.
Meter 4	Displays the total of color and monochrome prints (Meter 1 + Meter 2).

Admin Menu

The [Admin Menu] menu consists of nine submenus.

[Wired Network], [USB Settings], [System Settings],
[Maintenance Mode], [PDF], [PCL], [PostScript], [XPS], [Panel Settings]

Wired Network

Specifies printer settings for jobs sent to the printer through a network port.

Note
- The settings in [Wired Network] cannot be set when entering this menu during printing.
- You must reboot the printer to activate the new settings. After making the settings, switch the printer off and then on again.

Item	Description
Ethernet	Sets the communication speed and connector type for the Ethernet interface. • [Auto] (default) Automatically detects 10BASE-T (Half), 10BASE-T (Full), 100BASE-TX (Half), or 100BASE-TX (Full). • [10BASE-T Half] • [10BASE-T Full] • [100BASE-TX Half] • [100BASE-TX Full]

Item		Description
TCP/IP		Specifies the settings to use the TCP/IP protocol.
	IP Mode	Sets the IP (Internet Protocol) version to be used for the communication between the printer and clients. • [Dual Stack] (default) Enables both IPv4 and IPv6 communications. • [IPv4] Enables the IPv4 communication. • [IPv6] Enables the IPv6 communication. **Note** • To use the IPv6 feature, refer to "Setting the IP Address in IPv6 Mode" (P. 25) or the online help for CentreWare Internet Services.
	IPv4	Sets the IP address to be used for the IPv4 communication. [Get IP Address] Sets whether to automatically or manually retrieve the IP address. • [DHCP / Autonet] (default) Automatically sets the IP address. • [BOOTP] Uses BOOTP to set the IP address automatically. • [RARP] Uses RARP to set the IP address automatically. • [DHCP] Uses DHCP to set the IP address automatically. • [Panel] Sets the IP address manually by entering it on the control panel. [IP Address]/[Subnet Mask]/[Gateway Address] Allows you to verify or manually enter the IP address. Enter the IP address in the format of: xxx.xxx.xxx.xxx For IP or gateway addresses, xxx can be any number between 0 and 255. However, the first xxx cannot be 127 or a number between 224 and 255. For subnet masks, each xxx must be one of the following numbers: 0, 128, 192, 224, 240, 248, 252, 254, and 255. **Important** • To set addresses manually, set [Get IP Address] to [Panel]. • IP addresses are managed in the entire network. An incorrect IP address may affect the whole network. For the addresses you need to set manually, consult your network administrator.
	IPsec	Disables the IPsec feature. Enabling the IPsec feature allows data encryption between the printer and clients over a network. **Note** • To enable the IPsec feature, configure the settings on CentreWare Internet Services. For more information, refer to the online help for CentreWare Internet Services. • [IPsec] does not appear on the model available in China.

Item		Description
Protocol		Select [Enable] when using the protocol. When [Disable] is selected, the protocol cannot be activated. • [LPD] (default: [Enable]) • [Port9100] (default: [Enable]) • [IPP] (default: [Enable]) • [SMB (TCP/IP)] (default: [Enable]) • [SMB (NetBEUI)] (default: [Enable]) • [FTP] (default: [Enable]) • [NetWare]-[NetWare IP] (default: [Enable]) • [WSD] (default: [Enable]) • [E-mail Printing] (default: [Enable]) • [SNMP]-[SNMP (UDP/IP)] (default: [Enable]) • [StatusMessenger] (default: [Enable]) • [InternetServices] (default: [Enable]) • [Bonjour (mDNS)] (default: [Enable]) • [Telnet] (default:[Enable]) • [HTTP - SSL/TLS] (default: [Disable]) **Note** • [HTTP - SSL/TLS] appears only when a certificate is registered on the printer. For details on encrypting HTTP communication and a certificate required for the printer, refer to "SSL Data Encryption for HTTP Communication" (P. 146). • [HTTP - SSL/TLS] does not appear on the model available in China.
IP Filter		Specifies blocking the reception of data from certain IP addresses.
	No. n (n: 1 to 5)	You can set up to five IP addresses ([No. 1] to [No. 5]). [No. 1] has priority over the others. To set multiple filters, set IP address in descending order from the address network with the narrowest range. • [Address] Enter the IP addresses using numbers between 1 and 255. The first xxx, however, cannot be 127 or a number between 224 and 255. • [Mask] Enter the subnet masks using the following numbers: 0, 128, 192, 224, 240, 248, 252, 254, and 255. • [Mode] Sets the restriction conditions for the addresses from [Off] (default), [Accept], or [Reject]. **Note** • [IP filter] can be set also on CentreWare Internet Services. For details, refer to "Controlling Data Reception by IP Address" (P. 150).
IEEE 802.1x		Disables the IEEE 802.1x feature. **Note** • [IEEE 802.1x] appears only when the feature is enabled. • [IEEE 802.1x] appears when using the wired network only. • [IEEE 802.1x] does not appear on the model available in China.
Initialize NVM		Initializes network data stored in NVM. The NV memory is nonvolatile memory that retains the settings of the printer even when its power is switched off. Initializing the NV memory will return each item of the [Wired Network] menu to its default value.

Item	Description
Adobe Protocol	Sets the PostScript communication protocol. • [Auto] (default) Automatically detects the PostScript communication protocol. • [Standard] Select this when the communication protocol is in ASCII format. • [BCP] Select this when the communication protocol is in binary format. • [TBCP] Select this when the communication protocol are both in ASCII and binary formats and switches between the two using control codes. • [Binary] Select this when no special processing is required for data. **Note** • Select an appropriate option according to the data format specified on your print driver. • [Adobe Protocol] is valid only when printing in PostScript.

USB Settings

Specifies the settings for the USB interface.

Note
- You need to restart the printer to activate the new settings. After making the settings, switch the printer off and then on again.

Item	Description
Port Status	Sets whether or not to enable the USB port. • [Enable](default) • [Disable]
Adobe Protocol	Sets the PostScript communication protocol. • [TBCP] (default) Select this when the communication protocol are both in ASCII and binary formats and switches between the two using control codes. • [Binary] Select this when no special processing is required for data. • [Auto] Automatically detects the PostScript communication protocol. • [Standard] Select this when the communication protocol is in ASCII format. • [BCP] Select this when the communication protocol is in binary format. **Note** • Select an appropriate option according to the data format specified on your print driver. • [Adobe Protocol] is valid only when printing in PostScript.

System Settings

[System Settings] menu is used to make the printer operation settings such as for alarm and Power Saver mode.

Item	Description
Low Power Timer	Sets the amount of time before the printer enters the Low Power mode. Specify the value in 1 minute increments. • [3 Minutes] to [60 Minutes] (default: [3 Minutes]) **Refer to** • "2.4 Setting/Exiting the Power Saver Modes" (P. 39) • "Setting Example: Changing the Power Saver Mode Setting" (P. 82)
Sleep Mode	Consumes less electricity than the Low Power mode. Set whether or not to enable this feature. • [Enable] (default) • [Disable] **Refer to** • "2.4 Setting/Exiting the Power Saver Modes" (P. 39)
Sleep Mode Timer	Sets the amount of time before the printer enters the Sleep mode from the Low Power mode. Specify the value in 1 minute increments. • [2 Minutes] to [120 Minutes] (default: [2 Minutes]) **Note** • When [Sleep Mode] is set to [Disable] (default: [Enable]), the printer does not shift to the Sleep mode. **Refer to** • "2.4 Setting/Exiting the Power Saver Modes" (P. 39)
Audio Tones	Sets the audio tones that indicate various printer conditions such as errors. You cannot adjust the sound volume. • [Control Panel] (default: [On]) Sets whether or not to generate an audio tone when the correct button is pressed on the control panel. • [Invalid Key] (default: [On]) Sets whether or not to generate an audio tone when the wrong button is pressed on the control panel, or when an operation is attempted during an error. • [Machine Ready] (default: [On]) Sets whether or not to generate an audio tone to inform you that the printer is ready to print (such as right after powering on). • [Job Completed] (default: [On]) Sets whether or not to generate an audio tone when a job finishes successfully. • [Fault Tone] (default: [On]) Sets whether or not to generate an audio tone when a job finishes abnormally. • [Alert Tone] (default: [On]) Sets whether or not to generate an audio tone when a fault (such as a paper jam) occurs and a job is held in a fault state. • [Out of Paper] (default: [On]) Sets whether or not to generate an audio tone when the printer runs out of paper and a job is held in a fault state. • [Low Toner Alert] (default: [On]) Sets whether or not to generate an audio tone when a print cartridge needs to be replaced. • [Base Tone] (default: [On]) Sets whether or not to generate an audio tone when a button, which toggles between different options when pressed repeatedly, is pressed.
Fault Time-out	Sets the amount of time the printer waits for displaying an error. If a time-out occurs during error status, it restores the printer from the error. • [3 Seconds] to [300 Seconds] (default: [60 Seconds]) Specify the time-out value in 1 second increments. • [Off] Disables the fault time-out.

Item	Description
Job Time-out	Sets the amount of time the printer waits for a print job. If a time-out occurs during data reception, the printer stops the reception and prints the data that has been received. • [5 Seconds] to [300 Seconds] (default: [30 Seconds]) Specify the time-out value in 1 second increments. • [Off] Disables the job time-out.
Auto Job History	Sets whether to automatically print a report on the completed print jobs ([Job History Report]). • [Off] (default) Does not automatically print the [Job History Report]. • [On] Automatically prints the [Job History Report] when the number of print jobs processed reaches 20. **Note** • You cannot set this during printing. • You can print the [Job History Report] from the [Report / List] menu. • You need to restart the printer to activate the new settings. After making the settings, switch the printer off and then on again.
Print ID	Prints a user ID on the specified location. • [Off] (default) Does not print a user ID. • [Top Left] Prints a user ID on the top left corner of paper. • [Top Right] Prints a user ID on the top right corner of paper. • [Bottom Left] Prints a user ID on the bottom left corner of paper. • [Bottom Right] Prints a user ID on the bottom right corner of paper.
Print Text	Sets whether the printer outputs PDL data, which is not supported by the printer, as text when the printer receives it. Text data is printed on A4 or Letter size paper. • [Off] Does not print the received data. • [On] (default) Prints the received data as text data.
Banner Sheet	Specifies the settings for the banner sheet. • [Insert Position](default:[Off]) Selects the position to output the banner sheet from [Off], [Start Sheet], [End Sheet], and [Start&End Sheet]. When [Off] is selected, the banner sheet is not printed. • [Select Tray](default:[Tray 1]) Specifies the tray from which the banner sheet is output: [Tray 1], [Tray 2], or [Bypass Tray]. **Note** • [Tray 2] is displayed only when the optional sheet feeder is installed.
RAM Disk	Allocates memory to the RAM Disk file system for the Secure Print/Sample Print feature. • [50MB] to [1000 MB] Allocates memory for using the Secure Print/Sample Print feature. Specifies the value in 50 MB increments. The maximum value differs depending on the capacity of your additional memory. • [Off] (default) Does not allocate memory for using the Secure Print/Sample Print feature. **Note** • [RAM Disk] appears only when the additional memory (optional) is installed.

Item	Description
Substitute Tray	Sets whether to print on paper loaded in another tray when there is no paper left in the tray selected by the auto tray selection feature. • [Off] (default) Select this not to replace paper but display a message prompting you to load paper. • [Larger Size] Select this to replace the paper with a larger size paper before printing in 100% magnification ratio. • [Closest Size] Select this to replace the paper with the nearest size paper before printing in 100% magnification ratio. • [Bypass Feed] Select this to print on the paper loaded in the bypass tray. **Note** • These settings will be overridden by requests sent from computers.
mm / inch	Set the unit for the custom paper size to millimeters (mm) or inches ("). • [Millimeters(mm)] (default) Indicates length in millimeters (mm). • [Inches (")] Indicates length in inches (").
Interrupt Print	Sets whether to interrupt the current print job if the printer receives data from the scanner while it is printing. • [On] (default) Interrupts the current print job. Temporarily stops receiving the data for the print job. The data that is already received continues being printed, as soon as the printers buffer memory has enough space to receive the print data from the scanner, the current print job is interrupted and the data from the scanner is printed. This means that the data from the scanner is printed in the middle of the current print job. • [Off] Does not interrupt the current print job. The print data from the scanner is printed after the current print job and any print jobs incoming from other ports are finished printing.
Print Priority	Limits the number of pages that can be stored in the printer's buffer memory. This means that the data from the scanner is printed quickly when [Interrupt Print] is set to [On]. • [Off] (default) Number of pages is not limited. When a print job from the scanner interrupts the current print job, print data already in the printer's buffer memory continues to print until there is enough space for the print data from the scanner. In this case, it may take a long time to print the print data from the scanner if each page of the print data already in the buffer memory is small because many pages need to be printed to open up enough space in the buffer memory. • [On] Number of pages is limited. The print data from the scanner is printed quickly because the number of pages stored in the printer's buffer memory is limited. However, this may reduce the performance of regular printing.
DefaultPaperSize	Sets the default of [Paper Size] for the PDF print mode and the reports. • [A4] (default) • [8.5 × 11"]

Item	Description
Odd Page 2Sided	For duplex printing, specifies how to print the last page when the total number of pages is an odd number. • [1 Sided] (default) The simplex paper feed mechanism works for the last page. Thus, the paper orientation of the last page is not the same as others. This saves time for preparing to make duplex printing for the last page, resulting in faster printing. • [2 Sided] The duplex paper feed mechanism works for the last page, even though it is an odd number. Thus, the paper orientation of the last page is the same as others. Select this option when printing on paper for which top/bottom and left/right must be distinguished, for example, hole punched paper. This makes the paper orientation of the last page the same as others.

Maintenance Mode

Use this menu to initialize the NVM, or to adjust the configurations for each type of paper.

Item	Description
F/W Version	Displays the current firmware version. **Note** • You can not specify the firmware version using this feature.
Adjust PaperType	Sets the paper types of plain paper and labels. • [Plain Paper] (default: [Heavyweight]) Selects the paper type for plain paper from [Lightweight] and [Heavyweight]. • [Labels] (default: [Heavyweight]) Selects the paper type for labels from [Lightweight] and [Heavyweight].
Adjust BTR	Sets the value of the reference voltage for the transfer roller. You can specify the value between -3 to 3 for each paper type. • [Plain Paper] (default: [0]) • [Recycled Paper] (default: [0]) • [Bond Paper] (default: [0]) • [Transparency] (default: [0]) • [Heavyweight 1] (default: [0]) • [Heavyweight 2] (default: [0]) • [Labels] (default: [0]) • [Coated 1] (default: [0]) • [Coated 2] (default: [0]) • [Coated 3] (default: [0]) • [Envelope] (default: [0])
Adjust Fuser	Sets the fuser temperature. You can specify the value between -2 to 2 for each paper type. • [Plain Paper] (default: [0]) • [Recycled Paper] (default: [0]) • [Bond Paper] (default: [0]) • [Transparency] (default: [0]) • [Heavyweight 1] (default: [0]) • [Heavyweight 2] (default: [0]) • [Labels] (default: [0]) • [Coated 1] (default: [0]) • [Coated 2] (default: [0]) • [Coated 3] (default: [0]) • [Envelope] (default: [0])
Auto Adjust Regi	Adjusts the color registration automatically. Selecting [On] adjusts the color registration automatically. • [On] (default) • [Off]
Adjust ColorRegi	Adjusts the color registration manually. • [Auto Adjust] Adjusts the color registration. • [Color Regi Chart] Prints the Color Registration Chart. • [Enter Adjustment] Enter the values to adjust the registration. **Refer to** • "7.9 Adjusting the Color Registration" (P. 162)
Adjust Altitude	Sets the elevation of the location where the printer is being used. • [0m] (default), [1000m], [2000m], [3000m]
Print Meter	Initializes the meter counts.

Item	Description
Initialize NVM	Initializes the settings stored in the NVM except for the network settings. The NV memory is nonvolatile memory that retains the settings of the printer even when its power is switched off. After executing this function and restarting the printer, all the menu options are reset to their default values. **Note** • You cannot execute this menu during printing. • You need to restart the printer to activate this setting. After making the setting, switch the printer off and then on again.
Storage Disk	Clears the RAM disk (optional). Use this menu to delete all of the data in the RAM disk. **Note** • [Storage Disk] appears only when the additional memory (optional) is installed.
Format Hard Disk	Clears the hard disk (optional). Use this menu to delete all of the data in the hard disk. **Note** • [Format Hard Disk] appears only when the hard disk (optional) is installed.

PDF

Specifies the settings for PDF.

Item	Description
Quantity	Sets the print quantity. • [1 Set (s)] to [999 Set (s)] (default: [1 Set (s)]) **Note** • Depending on the protocol used for file transmission, the value specified on the protocol may override the [Quantity] setting.
2 Sided Print	Sets whether to enable 2-sided printing. • [1 Sided] (default) Disables 2-sided printing. • [Long Edge Flip] Prints on both sides of a paper so that the long edges of the documents are bound. • [Short Edges Flip] Prints on both sides of a paper so that the short edges of the documents are bound. **Note** • On the DocuPrint C2200, [2 Sided Print] appears only when the optional duplex unit is installed.
Print Mode	Sets the print mode to one of the followings: • [Normal] (default) Prints documents at standard speed with standard image quality. • [High Quality] Produces higher image quality than [Normal], but at a lower print speed. • [High Speed] Prints documents at a higher speed than [Normal].
Password	Before printing a password-protected PDF, set the password here. The file will be printed only if its password matches the password you set here. The password can be up to 32 alphanumeric characters.
Collated	Sets whether to collate multiple-set documents. (1, 2, 3..., 1, 2, 3...) • [Off] (default) • [On]

Item	Description
Output Size	Sets the output paper size. • [Auto] Automatically determines the output size based on the size and settings of your PDF file. • [A4] or [8.5 × 11"] (default) Displays either [A4] or [8.5 × 11"] depending on the option selected under [Admin Menu] > [System Settings] > [DefaultPaperSize].
Layout	Sets the output layout. • [Auto %] (default) Automatically selects the output size (A4, A5, B5, Legal, or Letter depending on the size of your PDF file) and calculates the zoom ratio to print the file as large as possible on the output paper. When none of the above size is detected, automatically selects the output size set under [DefaultPaperSize]. • [100% (No Zoom)] Prints your PDF file in its original size regardless of the output size. • [Booklet] Creates a booklet from a set of 2 sided documents. It correctly positions each page to produce output, that when folded, will be ordered like a book. Depending on the page structure, [Booklet] cannot be used and [Auto %] is used instead. When [Output Size] is [A4], the output size will be A4. When [Output Size] is [Auto], the output size will be A4, A5, B5, Letter or Legal. • [2 Pages Up] Prints two pages onto one sheet of paper. When this is selected, the output size will be the size set under [DefaultPaperSize]. • [4 Pages Up] Prints four pages onto one sheet of paper. When this is selected, the output size will be the size set under [DefaultPaperSize].
Output Color	Sets the output color. • [Color (Auto)] (default) Automatically determines the output color of each page. Pages that contain colors other than black and white will be printed in color, and those that contain only black and white will be printed in monochrome. • [Black] Prints documents in monochrome.

PCL

Specifies the settings for PCL.

Item	Description
Paper Tray	Specifies the paper tray to be used for printing. • [Auto](default) The tray is selected automatically when print data is sent. • [Tray 1] • [Tray 2] • [Bypass Tray]
Output Size	Sets the size of the paper to be used when printing. • [A4] (default), [A5], [B5], [8.5 × 11"], [8.5 × 13"], [8.5 × 14"], [7.25 × 10.5"], [Env 3.9 × 7.5"], [Env 110 × 220mm], [Env 162 × 229mm], [Env 4.1 × 9.5"], [Custom Size]
Orientation	Sets the print orientation to [Portrait] or [Landscape]. • [Portrait] (default) • [Landscape]

Item	Description
2 Sided	Specifies 2 sided printing settings. • [2 Sided Print] Specifies whether to perform 2 sided printing. The default is [Off]. • [Binding Edge] Specifies the binding direction from [Long Edge Flip] or [Short Edge Flip]. The default is [Long Edge Flip].
Font	Sets the font to be used when printing. (default: [Courier])
Symbol Set	Sets the font for symbols. (default: [Roman-8])
Font Size	Sets the font size. You can specify the value in increments of 0.25 pt. • [4.00] to [50.00] (default: [12.00])
Font Pitch	Sets the font pitch (number of characters per inch). You can specify the value in increments of 0.01 cpi. • [6.00] to [24.00] (default: [10.00])
Form Lines	Sets the form line (number of lines per form). You can specify the value in increments of 1. • [5] to [128] (default: [64])
Quantity	Sets the number of sets to be printed. You can specify the value in increments of 1. • [1] to [999] (default: [1])
Image Enhance	Sets whether to perform image enhancement. Image enhancement is a feature that makes the boundary line between black and white smoother to decrease jags and enhance the visual appearance. • [On] (default) • [Off]
HexDump	Sets whether to print the data sent from a computer in ASCII codes corresponding to the hexadecimal notation format in order to check the data contents. • [Disable] (default) • [Enable]
Draft Mode	Sets whether to print in the draft mode. This mode increases print speed but decreases print quality. • [Disable] (default) • [Enable]
Line Termination	Sets the line termination control codes. Set how you want the printer to interpret CR, LF and FF control codes. • [Off] (default) The line termination command is not added. CR=CR, LF=LF, FF=FF • [Add-LF] The LF command is added. CR=CR+LF, LF=LF, FF=FF • [Add-CR] The CR command is added. CR=CR, LF=CR+LF, FF=CR+FF • [CR-XX] The CR and LF commands are added. CR=CR+LF, LF=CR+LF, FF=CR+FF
Output Color	Sets the color mode. This settings is used when the color printing mode setting is not specified for the print job that is sent to the printer. • [Black] (default) Prints in the black and white mode. • [Color] Prints in the color mode.

PostScript

Specifies the settings related to PostScript.

Note
- You need to restart the printer to activate the new settings. After making the settings, switch the printer off and then on again.

Item	Description
PS Error Report	Sets whether to print an error report in case of a PostScript error. • [On] (default) • [Off]
PS Job Time-out	Sets the amount of time the printer waits for a print job. If a time-out occurs during data reception, the printer stops the reception and starts printing the received data. Specify the time-out value in 1 minute increments. • [Off] (default) Disables the job time-out. • [1 Minutes] to [900 Minutes]
Init PS Disk	Clears the area used for PostScript of the hard disk. Use this menu to delete all of the PostScript data in the hard disk. **Note** • [Init PS Disk] appears only when the hard disk (optional) is installed.
PaperSelect Mode	Sets whether to enable the PostScript DMS (Deferred Media Selection) feature. • [Auto] (default) Enables the DMS feature. • [Select FromTray] Disables the DMS feature and selects a paper tray.
Default Color	Sets the color mode. This settings is used when the color printing mode setting is not specified for the print job that is sent to the printer. • [Black] Prints in black and white mode. • [Color] (default) Prints in the color mode.

XPS

Sets the XPS-related settings.

Note
- This feature is available on Windows Vista and Windows Server 2008 only.

Item	Description
Print Ticket	Specifies the method of handling XPS-format job tickets. • [Standard Mode] (default) Handles Fuji Xerox standard job tickets. • [CompatibleMode] Handles Microsoft job tickets (Print Ticket). • [Off] Disables handling XPS job tickets. **Note** • After changing this setting, reboot the printer.

Panel Settings

Specifies whether to limit menu operations with a password to avoid changing the printer settings by accident.

Item	Description
Panel Lock	Sets whether to limit the menu operations with a password. Selecting [On] requires the operator to enter the password. If [On] is set, then you must enter the password to use the [Admin Menu]. • [Off] (default) • [On]
Change Password	Allows you to change the password. Enter a new password (4-digit number). The password takes effect when the first and second entries match. (default: [0000]) **Note** • [Change Password] is valid only if [Panel Lock] is set to [On]. • If the first and second entries do not match, your new password will not be accepted. • If you have forgotten the password, switch the printer off and restore the password to the default. 1.Switch the printer on while holding down the <Menu> button. Keep holding down the button until [Reset Password Reset?] appears on the control panel. 2.Release the <Menu> button and press the <Eject/Set> button. 3.Press the <◀> button to select [Yes], then press the <Eject/Set> button. The password is restored to the default.

Tray Settings

You can set the paper size and paper type for the bypass tray and paper tray.

Bypass Tray

Specifies the settings for the paper loaded in the bypass tray.

Note

The paper type and size settings for [Bypass Tray] are available only when the [Bypass Mode] is set to [Panel Specified].

Item	Description
Paper Type	Sets the type of the paper loaded in the bypass tray. • [Plain Paper] (default), [Recycled Paper], [Bond Paper], [Transparency], [Heavyweight 1], [Heavyweight 2], [Labels], [Coated 1], [Coated 2], [Coated 3], [Envelope], [Plain S2], [Recycled S2], [Bond S2], [Heavyweight 1 S2], [Heavyweight 2 S2], [Coated 1 S2], [Coated 2 S2], [Coated 3 S2] **Refer to** • "Setting the Paper Type" (P. 76)
Paper Size	Sets the paper size of the paper loaded in the bypass tray. • [Driver Size] (default), [8.5 × 11" P], [8.5 × 13" P], [8.5 × 14" P], [7.25 × 10.5" P], [Env 3.9 × 7.5" P], [Env 110×220mm P], [Env 162×229mm P], [Env 4.1 × 9.5" P], [A4 Portrait], [A5 Portrait], [B5 Portrait] • [Custom Size] Sets the length and width of the paper. **Refer to** • "Setting the Paper Size" (P. 77)
Bypass Mode	Specifies the way to set the paper type and size settings to be loaded in the bypass tray. • [DriverSpecified] (default) You can not specify the settings on the control panel. Printing is executed using the settings on the print driver. • [Panel Specified] You can specify the paper type and size settings on the control panel. Printing can be executed only when the settings on the print driver matches the settings on the control panel. When a mismatch of paper size occurs, follow the instructions displayed on the control panel.
Display Screen	Sets whether or not to display a message that prompts you to set the paper size and type every time you load paper in the bypass tray. When you select [On], the message that prompts you to set the paper size and type is displayed. • [On] (default) • [Off]

Tray 1 / Tray 2

Specifies the settings for the paper loaded in the paper tray.

Note

[Tray 2] appears only when optional sheet feeder is installed.

Item	Description
Paper Type	Sets the type of the paper loaded in the paper tray. • [Plain Paper] (default), [Recycled Paper], [Bond Paper], [Heavyweight 1], [Heavyweight 2], [Labels], [Coated 1], [Coated 2], [Coated 3] **Refer to** • "Setting the Paper Type" (P. 76)
Paper Size	Sets the paper size of the paper loaded in the paper tray. • [Auto] (default) Automatically detects the paper size. • [Custom Size] Sets the length and width of the paper. **Refer to** • "Setting the Paper Size" (P. 77)
Display Screen	Sets whether or not to display a message that prompts you to set the paper size and type every time you load paper in the paper tray. When you select [On], the message that prompts you to set the paper size and type is displayed. • [On] (default) • [Off]

Note

- When the size or type of paper that is loaded in the tray is different from the setting on the control panel, print quality may deteriorate or a paper jam may occur. Specify the correct paper type and size on the control panel.
- When installing the optional sheet feeder and [Paper Tray] is set to [Auto Paper Select] on the print driver, the feeding tray is automatically specified according to the setting on the control panel. Also, when the paper size and type setting for each tray is the same, printing continues by changing the feeding tray if the paper in the specified tray has run out.

6 Troubleshooting

If you encounter a problem while using this printer and have trouble solving the problem, see if any of the symptoms in the following pages matches your problem.

If your problem is described in the following pages, apply the suggested solution provided for the problem.

If your problem is not described, or could not be solved with the suggested solution, contact our Customer Support Center or your dealers.

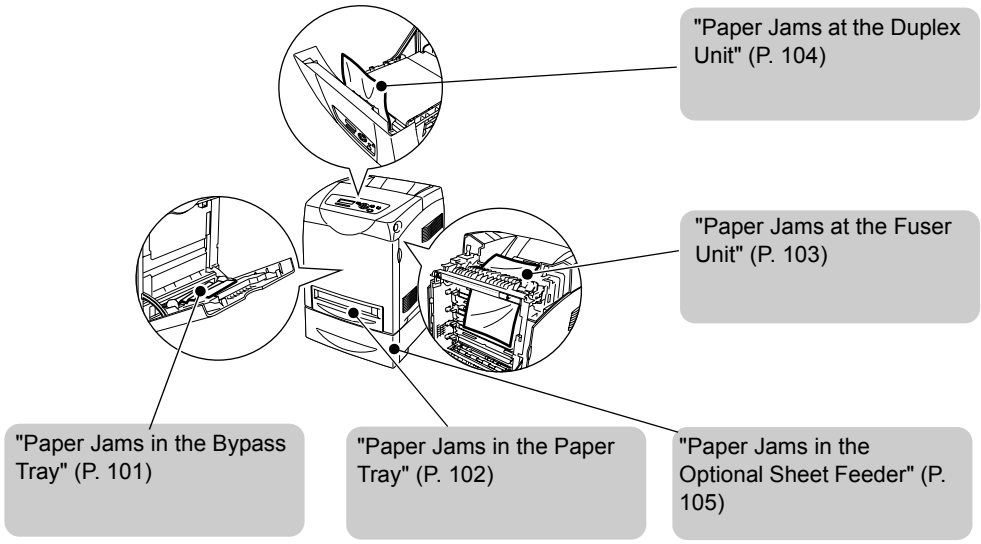
6.1 Clearing Paper Jams

If a paper jam occurs, refer to the illustration below to select the appropriate corrective action and clear the paper jam immediately.

Note
- The illustration below shows the DocuPrint C2200 with the optional 550 sheet feeder installed.

⚠ WARNING
- If you need to pull out a tray to remove paper jam, contact your local Fuji Xerox representative. Do not pull out a tray, otherwise it may cause injuries.

⚠ CAUTION
- Do not attempt to remove a paper jammed deeply inside the product, particularly a paper wrapped around a fuser or a heat roller. Otherwise, it may cause injuries or burns. Switch off the product promptly and contact your local Fuji Xerox representative.


"Paper Jams at the Duplex Unit" (P. 104)
"Paper Jams at the Fuser Unit" (P. 103)
"Paper Jams in the Bypass Tray" (P. 101)
"Paper Jams in the Paper Tray" (P. 102)
"Paper Jams in the Optional Sheet Feeder" (P. 105)

Important
- Be careful not to pinch your fingers when closing a cover after removing the jammed paper.

Note

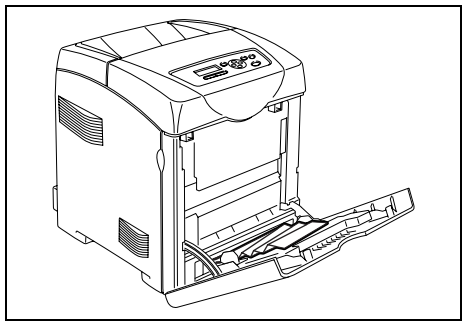
- The labels with the following symbol provide jam clearance procedure. Use the labels also as guides when clearing paper jams.

Paper clearance instruction symbol

Paper Jams in the Bypass Tray

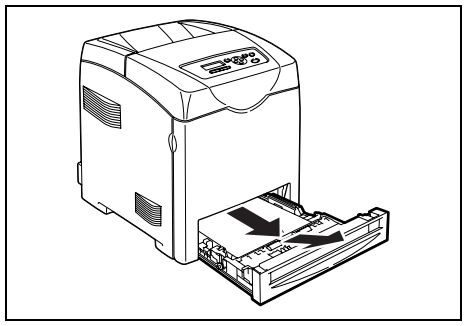
Follow the procedure below to remove paper jammed in the bypass tray.

1. Pull the jammed paper out of the bypass tray, and remove any remaining paper from the bypass tray.

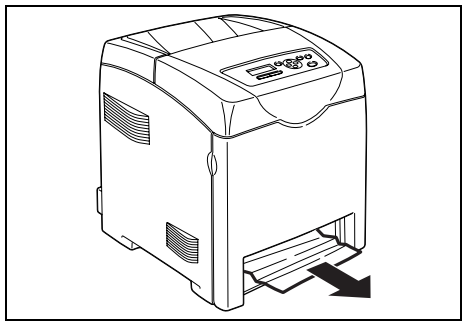


2. Close the bypass tray once.

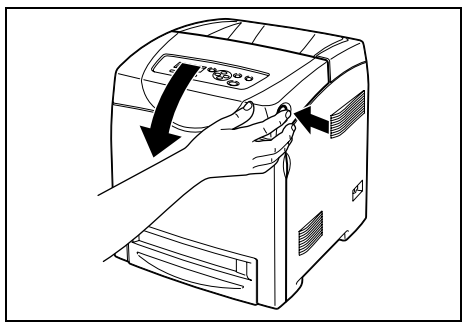
3. Remove the tray from the printer.



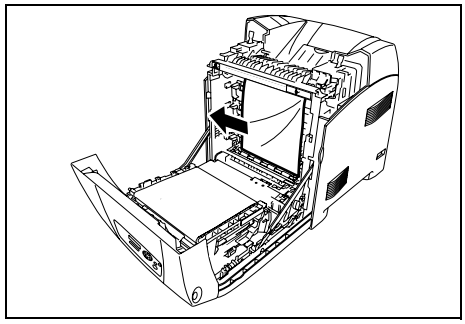
4. Carefully pull out any jammed paper remaining inside the printer.



5. Press the side button and open the front cover. Confirm that there are no scraps of paper remaining inside the printer.

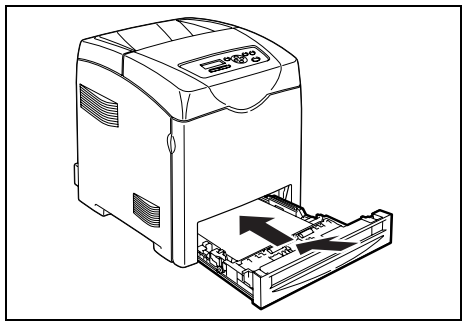


6. Carefully remove any jammed paper in the printer. Confirm that there are no scraps of paper left inside.



7. Close the front cover.

8. Insert the tray into the printer and push until it stops.

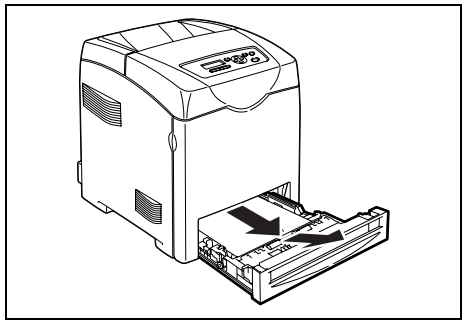


Important
- Do not use excessive force on the tray. Doing so could damage the tray or the inside the printer.

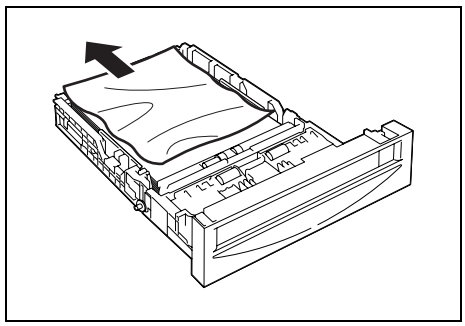
Paper Jams in the Paper Tray

Follow the procedure below to remove paper jammed in the paper tray.

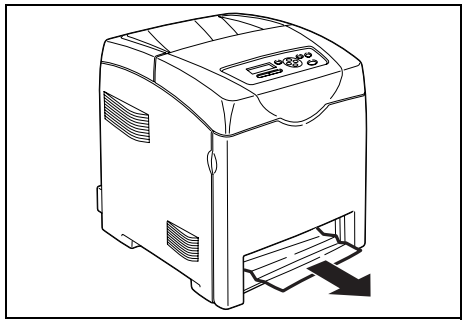
1. Slowly, completely remove the tray from the printer.



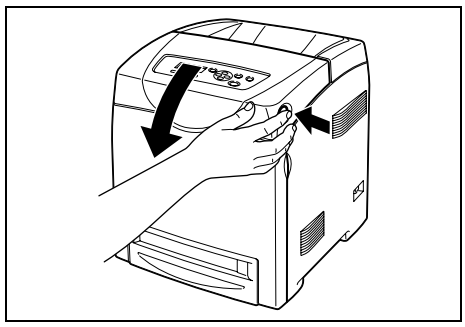
2. Remove all the jammed and/or creased paper from the tray.



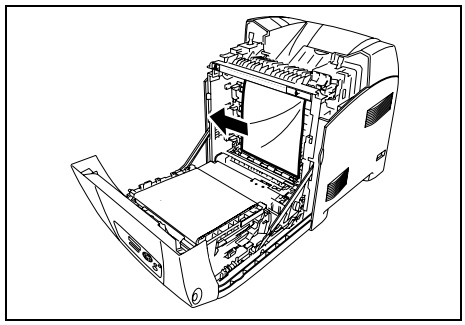
3. If there is jammed paper remaining inside the printer, pull it out carefully to avoid tearing it.



4. Press the side button and open the front cover.



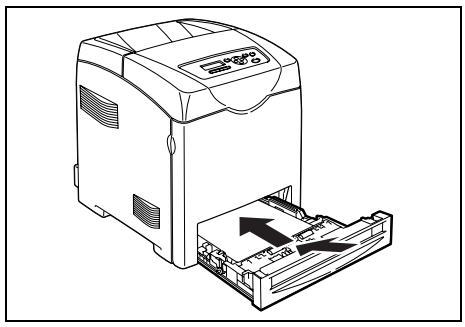
5. Confirm that there are no scraps of paper remaining inside the printer.



6. Close the front cover.

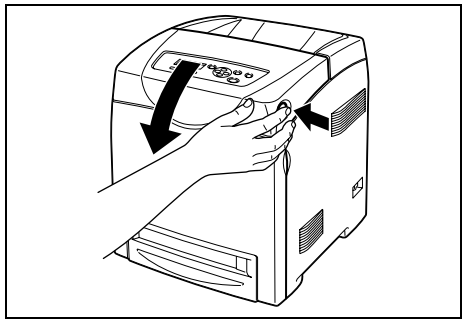
7. Insert the tray into the printer, and push until it stops.

Important
- Do not use excessive force on the tray. Doing so could damage the tray or the inside the printer.

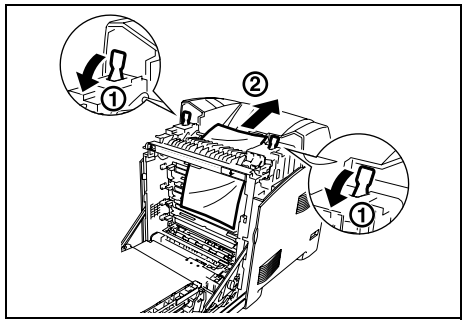


Paper Jams at the Fuser Unit

1. Press the side button and open the front cover.

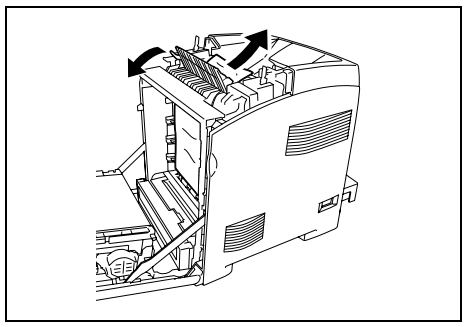


2. Lift the levers at both ends of the fuser unit, and remove the jammed paper. If the paper is torn, remove any scraps of paper remaining inside the printer.

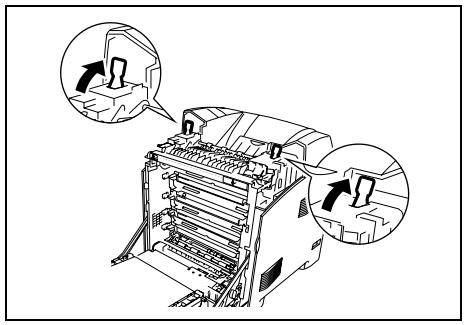


Important
- The fuser is hot. Do not touch, doing so may cause burns.

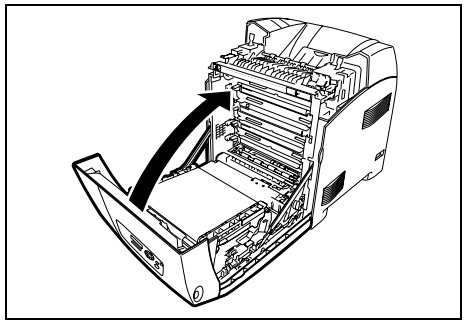
3. Open the chute gate of the fuser unit and remove the jammed paper.



4. Completely push down the levers at both ends of the fuser unit.



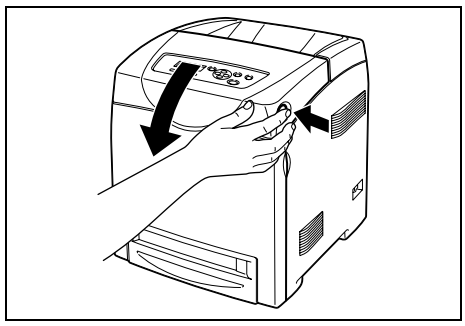
5. Close the front cover.



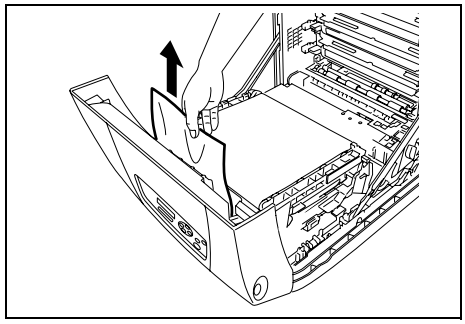
Important
- Do not use excessive force on the tray. Doing so could damage the tray or the inside the printer.

Paper Jams at the Duplex Unit

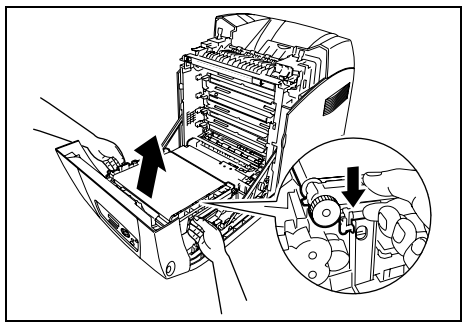
1. Press the side button and open the front cover.



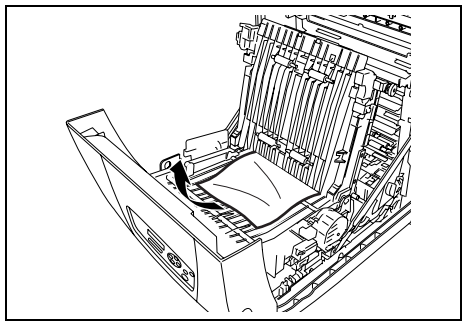
2. Carefully pull out the jammed paper from the duplex unit. If jammed paper cannot be found, go to the next step.



3. Hold the knobs of the transfer belt unit as shown in the following illustration and open the unit fully.

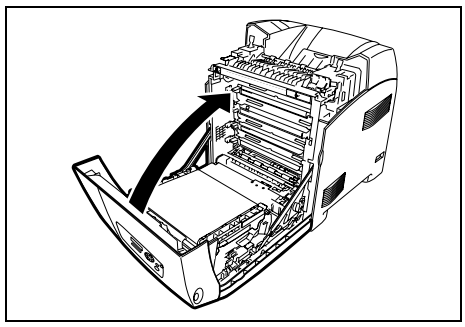


4. Remove the jammed paper. Confirm that there are no scraps of paper left inside the transfer belt unit.



5. Close the transfer belt unit.

6. Close the front cover.

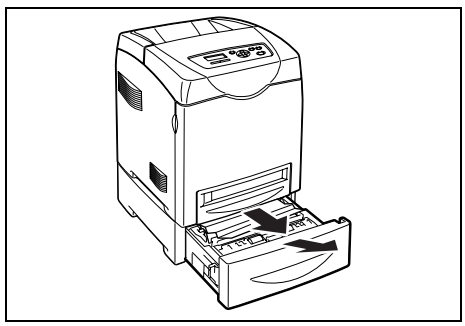


Paper Jams in the Optional Sheet Feeder

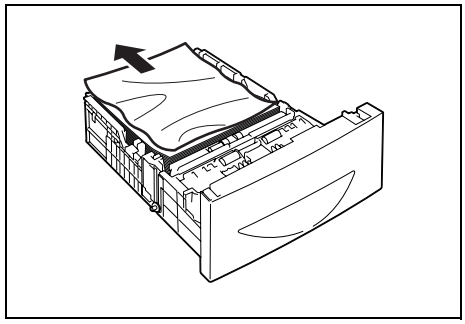
1. Open the trays until you find the jammed paper.

Note

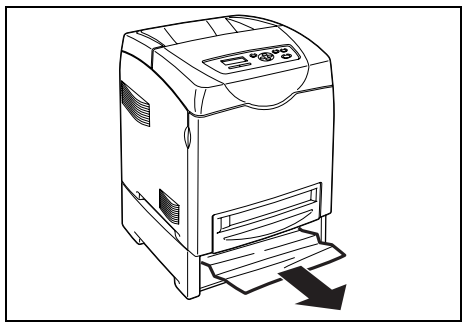
- Paper in the sheet feeder feeds to the printer from the front of the trays, therefore paper jammed in the lower tray can block the upper tray of the feeder or the paper tray in the printer, preventing you from opening them. Look for the jammed paper sequentially, starting with the lowest tray.



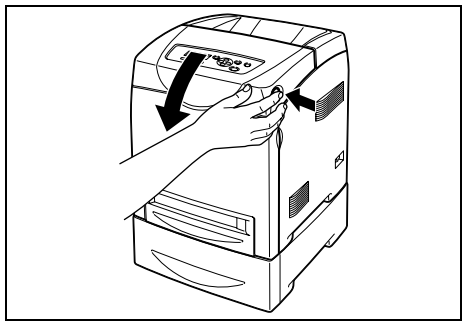
2. Remove all jammed and/or creased paper from the tray.



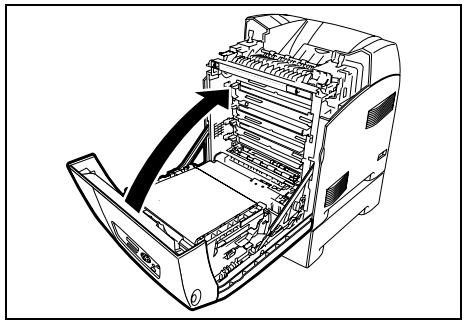
3. Pull the jammed paper out carefully to avoid tearing it. If the paper is torn, confirm that there are no scraps of paper remaining inside the printer.



4. Press the side button and open the front cover. Confirm that there are no scraps of paper remaining inside the printer.



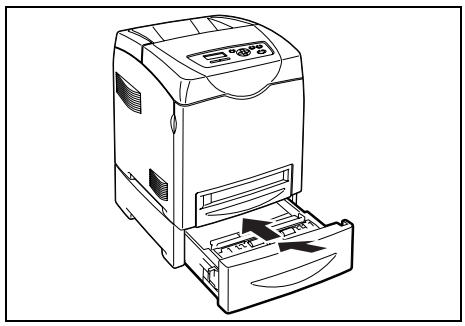
5. Close the front cover.



6. Insert the trays into the printer. Push the trays in until they stop.

Important

- Do not use excessive force on the tray. Doing so could damage the tray or the inside the printer.



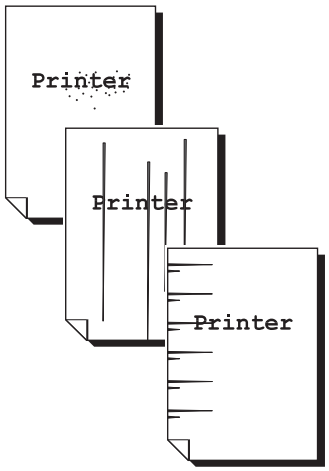
6.2 Hardware Problems (Power Failure, Abnormal Noise, etc.)

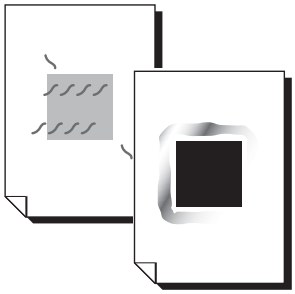
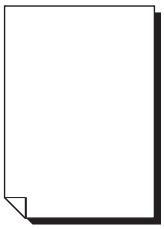
Symptom	Cause/Remedy
The printer will not switch on.	Is the power switched on? Switch the power on by pressing the power switch to the <|> position.
	Is the power cord firmly plugged into the power outlet? Switch the power off, plug the power cord firmly into the power connector or power outlet, and switch the power back on.
	Is the printer plugged into a power outlet that supplies proper voltage? Connect the printer to a power outlet that supplies the proper rated voltage or current. And do not share the power outlet with other devices.
The display is blank.	The printer may be in the Power Saver mode. Press the <Power Saver> button on the control panel to exit the Power Saver mode. If this does not remedy the problem, check if the power cord is firmly plugged into the power outlet, and reboot the printer. If the problem still persists, the printer may be at fault. Contact our Customer Support Center or your dealers.
The printer makes odd noise.	Is the printer installed on a level surface? Move the printer on a level and sturdy surface.
	Is the paper tray pushed in completely? Push the tray firmly into the printer.
	A foreign object may be in the printer. Switch the power off and remove the object. If the object cannot be removed without dismantling the printer, contact our Customer Support Center or your dealers.
Dew condensation formed in the printer.	On the control panel, set the interval that the printer switches to the Sleep mode to more than 60 minutes, and let the printer stand with its power on. After about an hour, the condensation disappears due to the heat inside the printer. **Refer to** • "Sleep Mode" (P. 88)
The printer does not switch to the Sleep mode.	Isn't the Sleep mode disabled? On the control panel, set [Sleep Mode] to [Enable].

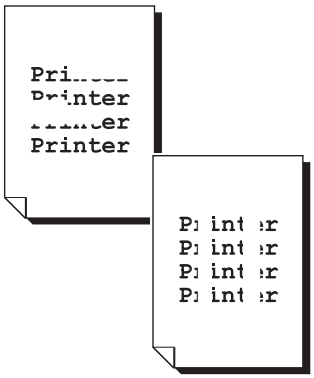
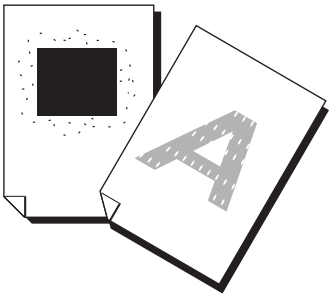
6.3 Printing Problems

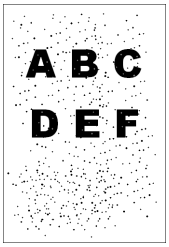
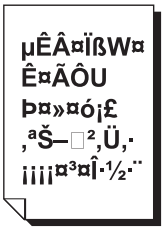
Symptom	Cause/Remedy
The <Error> indicator is blinking.	An error that cannot be resolved by users occurred. Copy down the error message or error code displayed on the control panel, switch the power off, unplug the power cord from the power outlet, and contact our Customer Support Center or your dealers.
The <Error> indicator is lit.	Is an error message displayed on the control panel? Follow the instructions in the message and clear the error.
Requested a print job, but the <Ready> indicator does not light or blink.	Is the interface cable firmly plugged in? Switch the power off, and check if the interface cable is firmly plugged in.
	Is the printer in the menu state? If the menu screen is displayed, press the <Menu> button to exit the menu screen.
	If your printer is connected to a network, are the protocols set correctly? Check if the ports to be used are enabled and the protocols are set correctly on CentreWare Internet Services. **Refer to** • "Wired Network" (P. 84) • Online help for CentreWare Internet Services
	Is the operating environment of your computer set correctly? Check the operating environment of your computer including the print driver.
The <Ready> indicator is blinking, but the printer does not print.	The data is in the print buffer. Cancel or force-eject the job. If cancelling the job, press the <Cancel Job> button. If force-ejecting the job, press the <Eject/Set> button.
The printer will not print.	If your printer is connected to a network, is the IP address of the printer set correctly? Or, is the data-reception control setting set correctly? Check the above settings and re-configure them if necessary. **Refer to** • "Configuring the Printer Using CentreWare Internet Services" (P. 28) • "Controlling Data Reception by IP Address" (P. 150)
Printing takes too much time.	Is the [Image Options] tab > [Image Quality] on your print driver set to [High Quality]? Changing the [Image Quality] setting to [Standard] may improve print speed. **Refer to** • Online help for the print driver
	Printing may take time depending on the printing method for TrueType fonts. Change the printing method under the [Advanced Settings] tab > [Specify Font] on your print driver. **Refer to** • Online help for the print driver
Image loss occurs in the upper portion of the page. Printing does not start from the desired position on the page.	Are the paper guides adjusted properly? Slide the paper guides to the correct positions. **Refer to** • "4.2 Loading Paper" (P. 73)
	Check whether the margins are set correctly on your print driver. **Refer to** • Online help for the print driver

6.4 Print Quality Problems

Symptom	Cause/Remedy
Output is too light. (faded or unclear) 	The paper is damp. Load fresh paper.
	The paper is not appropriate for the printer. Load appropriate paper. **Refer to** • "Supported Paper" (P. 69)
	The feed roller is damaged or deteriorated. The feed roller unit may need replacement depending on its condition. Contact our Customer Support Center or your dealers.
	Is the toner save feature enabled? On the [Advanced Settings] tab on your print driver, clear the [Draft Mode] check box. **Refer to** • Online help for the print driver
	Change the print density settings under the [Image Options] tab > [Image Settings] on your print driver and try printing again. **Refer to** • Online help for the print driver
	Change the [Paper Type] setting and try printing again. For example, if [Paper Type] is set to [Heavyweight 1], try changing it to [Heavyweight 2].
	Did not you forget to remove the toner seals from print cartridges? Properly remove the toner seals from the print cartridges. **Refer to** • "Replacing the Print Cartridges" (P. 125)
	The high-voltage supply is defective. Contact our Customer Support Center or your dealers for assistance.
Equally spaced smears appear on output.  	The paper path may not be clean. Print a couple of sheets or so to remove dirt from the paper path.
	The interior of the printer may not be clean. Clean the interior of the printer. If there is any dust or dirt in the interior of the printer, wipe it off with a clean dry cloth.
	The feed roller or fuser unit is damaged or deteriorated. The feed roller or fuser unit may need replacement depending on its condition. Contact our Customer Support Center or your dealers.

Symptom	Cause/Remedy
Streaks appear inside or outside of halftone images. Shadow is printed around solid-filled images. 	The paper that had been stored unwrapped for an extended period of time (especially in low humidity condition) may be used. Load fresh paper.
	The paper is not appropriate for the printer. Load appropriate paper. **Refer to** • "Supported Paper" (P. 69)
	The feed roller is old or damaged. Replace the feed roller. **Refer to** • "Replacing the Feed Roller" (P. 130)
Ink smudges off when rubbed with a finger. Toner is not fused to the paper. Output is smudged with toner. 	The paper type of the selected paper tray is not appropriate. Change the [Paper Type] setting and try printing again. For example, if [Paper Type] is set to [Heavyweight 1], try changing it to [Heavyweight 2].
	The paper is damp. Load fresh paper.
	The paper is not appropriate for the printer. Load appropriate paper. **Refer to** • "Supported Paper" (P. 69)
	The fuser unit is damaged or deteriorated. The fuser unit may need replacement depending on its condition. Contact our Customer Support Center or your dealers.
The whole page is printed black. 	Print cartridges may be damaged or deteriorated. They may need replacement depending on their conditions. Contact our Customer Support Center or your dealers.
	The high-voltage power supply may be at fault. Contact our Customer Support Center or your dealers.
Output is blank. 	Multiple sheets were fed at once. Fan the paper and reload it in the tray.
	The feed roller is damaged or deteriorated. The feed roller may need replacement depending on its condition. Contact our Customer Support Center or your dealers.
	The high-voltage power supply may be at fault. Contact our Customer Support Center or your dealers.

Symptom	Cause/Remedy
Output is partially blanked-out. Vertical white streaks appear on output. 	The paper is not appropriate for the printer. Load appropriate paper. **Refer to** • "Supported Paper" (P. 69)
	The paper is damp. Load fresh paper.
	Print cartridges are not installed correctly. Correctly install them.
	Dew condensation may have formed in the printer. On the control panel, set the interval that the printer switches to the Sleep mode to more than 60 minutes, and let the printer stand with its power on. After about an hour, the condensation disappears due to the heat inside the printer. **Refer to** • "Sleep Mode" (P. 88)
	The feed roller or fuser unit is damaged or deteriorated. The feed roller or fuser unit may need replacement depending on its condition. Contact our Customer Support Center or your dealers.
White patches appear on output. Toner scatters around images. Images are bluish. 	The image transfer voltage (the [Adjust BTR] setting on the control panel) may not be set properly. Adjust the transfer voltage on the control panel. **Refer to** • "7.10 Adjusting the Image Transfer Voltage" (P. 165)
	Change the [Paper Type] setting and try printing again. For example, if [Paper Type] is set to [Plain], try changing it to [Bond] or [Recycled]. If it is set to [Heavyweight 1], try changing it to [Heavyweight 2].
Texts are smeared. 	The paper is not appropriate for the printer. Load appropriate paper. **Refer to** • "Supported Paper" (P. 69)
	The paper is damp. Load fresh paper.
	Dew condensation may have formed in the printer. On the control panel, set the interval that the printer switches to the Sleep mode to more than 60 minutes, and let the printer stand with its power on. After about an hour, the condensation disappears due to the heat inside the printer. **Refer to** • "Sleep Mode" (P. 88)
Color around the edge of texts is incorrect. 	The color registration is incorrect. Adjust the color registration on the control panel. **Refer to** • "7.9 Adjusting the Color Registration" (P. 162)

Symptom	Cause/Remedy
Printed image or texts wear off quickly. Double printing with appropriate margins	The fuser temperature may not be set properly. Adjust the fuser temperature on the control panel. **Refer to** • "7.11 Adjusting the Fuser Temperature" (P. 166)
Ghost	The paper type is not set correctly. Reset the paper type.
	Print cartridges are damaged or deteriorated. They may need replacement depending on their conditions. Contact our Customer Support Center or your dealers. **Refer to** • "Replacing the Print Cartridges" (P. 125)
	The image transfer voltage (the [Adjust BTR] setting on the control panel) may not be set properly. Adjust the transfer voltage on the control panel. **Refer to** • "7.10 Adjusting the Image Transfer Voltage" (P. 165)
Bead-Carry-Out (BCO)  	Adjust the altitude setting on the control panel. **Refer to** • "7.12 Adjusting the Altitude" (P. 167)
Texts are garbled. Output printed is not the same as the original data displayed on your computer screen. 	The data was printed using a font that does not come standard with the printer. Check the font used by the application. If using PostScript, download fonts as necessary.
	Isn't the printer set to substitute TrueType fonts with the built-in fonts? Change the printing method of TrueType fonts under the [Advanced Settings] tab > [Specify Font] on your print driver. **Refer to** • Online help for the print driver
Images are skewed. 	The paper guides are not adjusted properly. Adjust the paper guides properly. **Refer to** • "4.2 Loading Paper" (P. 73)
Color documents are printed in monochrome.	Isn't the [Paper / Output] tab > [Output Color] set to [Black & White]? Change the [Output Color] setting to [Color]. **Refer to** • Online help for the print driver

Symptom	Cause/Remedy
Photos are blurred.	Isn't the original image blurred? Adjust the sharpness of the original image and try printing it again. If you cannot adjust the sharpness of the original image, change the sharpness setting under the [Advanced Settings] tab > [Other Settings] > [Sharpness adjustment] on your print driver and try printing the image again. **Refer to** • Online help for the print driver
Print quality on envelopes is poor.	The envelopes loaded in the printer cannot be used with the printer. Load appropriate media. **Refer to** • "Supported Paper" (P. 69)
	Check if the paper type setting on the print driver or control panel is set correctly. **Refer to** • "Paper Type" (P. 99) • Online help for the print driver
	The toner save feature is enabled or the resolution is set low on your print driver. Change these settings on the [Advanced Settings] tab on your print driver. **Refer to** • Online help for the print driver

6.5 Paper Feeding Problems

Symptom	Cause/Remedy
Paper does not feed properly. Paper jams occur. Multiple sheets are fed at once. Paper is fed skewed. Output is wrinkled.	Is the paper loaded correctly? Reload the paper correctly. Before loading labels or envelopes, fan them to make sure that they are separated. If using coated paper, load one sheet at a time.
	Isn't the paper damp? Load fresh paper.
	Is the paper appropriate for the printer? Load appropriate paper. Paper may still wrinkle depending on its type or condition. **Refer to** • "Supported Paper" (P. 69)
	Is the paper tray pushed in completely? Push the tray firmly into the printer.
	Is the printer installed on a level surface? Install the printer on a level and sturdy surface.
	Are the paper guides adjusted properly? Adjust the paper guides properly. **Refer to** • "4.2 Loading Paper" (P. 73)
	These problems can happen if you add paper on top of paper that is still in a paper tray. Fan the paper loaded in the tray and reload it into the tray. Add paper to the tray only when the tray is out of paper.
	Are you trying to print on postcards with pre-printed pictures? If you load postcards with printed pictures, the anti set-off powder sticks to the feed rollers preventing the postcards from being fed properly. In such case, clean the feed rollers. **Refer to** • "7.14 Moving the Printer" (P. 169)
	The feed rollers may be worn out or have reached their end-of-life. Clean the feed rollers. If the problem persists, the feed rollers must be replaced depending on their conditions. Contact our Customer Support Center or your dealers. **Refer to** • "7.14 Moving the Printer" (P. 169)
	When loading the paper into the bypass tray, correctly insert the paper straight into the bypass tray slot. If the paper is inserted diagonally, remove the paper and insert it again. Also, insert only one sheet of paper at a time into the bypass tray.
The printer does not feed paper from the bypass tray.	Isn't the [Paper / Output] tab > [Paper Tray] set to [Auto Paper Select]? The bypass tray cannot be auto-selected by the printer. **Refer to** • Online help for the print driver
The printer does not feed paper from the paper tray.	If paper is loaded in the bypass tray, the paper is fed from the bypass tray even if you specified the paper tray on the print driver. To feed the paper from the paper tray, remove the paper from the bypass tray.
Print media misfeeds or multiple feeds occur.	Turn the print media over or around and try printing again to see if feeding improves.

6.6 Error Messages (in Alphabetical Order)

This section describes the messages displayed on the control panel.

Messages About Consumables

Message	Condition/Reason/Action
Reboot Printer (010-317)	The fuser unit is not installed. Install the fuser unit. **Refer to** • "Replacing the Fuser" (P. 128)
093-NNN Check XXX Cartridge XXX=Yellow, Magenta, Cyan, or Black	Sealing tape is still attached to the XXX print cartridge. Remove the sealing tape from the displayed print cartridge.
093-NNN XXX Cartridge Error XXX=Yellow, Magenta, Cyan, or Black	The XXX print cartridge is not installed correctly or is not working correctly due to damage or malfunction. Reinstall the print cartridge. **Refer to** • "Replacing the Print Cartridges" (P. 125)
094-320 Belt Unit Error	The belt unit is not installed correctly or is not working correctly due to damage or malfunction. Reinstall the belt unit. **Refer to** • "Replacing the Belt Unit" (P. 134)
Reboot Printer (010-359)	The fuser unit is not installed correctly or is not working correctly due to damage or malfunction. Reinstall the fuser unit. **Refer to** • "Replacing the Fuser" (P. 128)
Install XXX Print Cartridge XXX=Yellow, Magenta, Cyan, or Black	The XXX print cartridge is not installed. Install the XXX print cartridge. **Refer to** • "Replacing the Print Cartridges" (P. 125)
Install Belt Unit	The belt unit is not installed. Install the belt unit. **Refer to** • "Replacing the Belt Unit" (P. 134)
010-351 Replace Fuser	Time to replace the fuser unit. Replace the old fuser unit and the old feed roller with a new one. **Refer to** • "Replacing the Fuser" (P. 128) • "Replacing the Feed Roller" (P. 130)
Ready to print XXX Cartridge Ready to print Replacement Time XXX=Yellow, Magenta, Cyan, or Black	The XXX print cartridge is nearly empty. Purchase a new print cartridge. **Refer to** • "Replacing the Print Cartridges" (P. 125)

Message	Condition/Reason/Action
Ready to print Fuser Unit Ready to print Replace Time	It is nearly time to replace the fuser unit. Purchase a new fuser unit. **Refer to** • "Replacing the Fuser" (P. 128)
Ready to print Belt Unit Ready to print Replace Time	It is nearly time to replace the belt unit. Purchase a new belt unit. **Refer to** • "Replacing the Belt Unit" (P. 134)
Reboot Printer (NNN-NNN)	The printer is not working correctly due to damage or malfunction. Switch the printer off and then on. If the error continues, contact our Customer Support Center or your dealer.
Replace XXX Print Cartridge XXX=Yellow, Magenta, Cyan, or Black	The XXX print cartridge has become empty. Replace the old XXX print cartridge with a new one. **Refer to** • "Replacing the Print Cartridges" (P. 125)
Replace Belt Unit	Time to replace the belt unit. Replace the old belt unit with a new one. **Refer to** • "Replacing the Belt Unit" (P. 134)

XXX indicates one of the following; the Yellow Toner (Y), Cyan Toner (C), Magenta Toner (M), Black Toner (K), or Fuser Unit.
NNN indicates a numeric value.

Messages About the Printer and Other Items (In Alphabetical Order)

Message	Condition/Reason/Action
042-700 Over Heat	The printer internal temperature is too high. Let the printer sit for a short period of time. When the internal temperature falls, the printer resumes printing. If the error continues, contact our Customer Support Center or your dealer.
077-912 Push in Tray 1	Tray 1 is pulled out. Set Tray 1 into the correct position.
PDF Print Disabled Press SET	The PDF file may be print-prohibited. PDF files that are prohibited to print cannot be printed on the printer. Press the <Eject/Set> button to cancel the print job.
Job Ticket Error Press SET	The PDF file does not correspond to the printer. The PDF file cannot be printed on the printer. Press the <Eject/Set> button to cancel the print job.
XPS Print Ticket Error Press SET	The XPS file does not correspond to the printer. The XPS file cannot be printed on the printer. Press the <Eject/Set> button to cancel the print job.
Job Ticket Warning Press SET	The PDF file does not correspond to the printer. The PDF file cannot be printed on the printer. Press the <Eject/Set> button to cancel the print job.
Check Bypass Clear Jam Open & Close Cover A	Paper is jammed inside the bypass tray. Remove the jammed paper. Open and close the front cover. **Refer to** • "6.1 Clearing Paper Jams" (P. 100)
Close Cover A	The front cover is open. Close the front cover.

Message	Condition/Reason/Action
Feature Disabled Press SET	The user is not registered to print in color when using an authentification function. Contact the administrator.
Invalid Job Press SET	When the configuration of the printer on the print driver does not conform to the printer you are using, this message appears. • Press the <Eject/Set> button to clear the message, cancel the current print job,and conduct the next print job, if any. • Press the <Cancel Job> button to cancel the print job. • Make sure that the configuration of the printer on the print driver conforms to the printer you are using.
Limit Reached Press SET	The user has exceeded the limit on the number of pages that can be printed when using an authentification function. Contact the administrator.
Login Error Press SET	The user is not registered to print on the printer when using an authentification function. Contact the administrator.
Open Cover A & Clear Jam D	Paper is jammed inside the printer. Press the side button to open the front cover and remove the jammed paper. **Refer to** • "6.1 Clearing Paper Jams" (P. 100)
Open Cover A Clear Jam B	Paper is jammed inside the printer. Press the side button to open the front cover and remove the jammed paper. **Refer to** • "6.1 Clearing Paper Jams" (P. 100)
Open Cover A or Tray Clear Jam	Paper is jammed inside the printer or tray. Remove the jammed paper. **Refer to** • "6.1 Clearing Paper Jams" (P. 100)
Open Cover A Clear Jam & Check Paper Type	Paper is jammed inside the printer. Press the side button to open the front cover and remove the jammed paper. Check the paper type. **Refer to** • "6.1 Clearing Paper Jams" (P. 100)
Open Tray 1 Clear Jam Open & Close Cover A	Paper is jammed inside Tray 1. Remove the jammed paper. Open and close the front cover. **Refer to** • "6.1 Clearing Paper Jams" (P. 100)
Open Tray 2 Clear Jam Open & Close Cover A	Paper is jammed inside Tray 2. Remove the jammed paper. Open and close the front cover. **Refer to** • "6.1 Clearing Paper Jams" (P. 100)
Out of Memory Press SET	The printer memory is full and cannot continue processing the current print job. • Press the <Eject/Set> button to clear the message, cancel the current print job,and conduct the next print job, if any. • Press the <Cancel Job> button to cancel the print job. • Press the <Menu> button to open the Print Menu and delete the job being held. • To avoid this error in the future, do the following: -Delete unnecessary fonts, macros, and other data in printer memory. -Install additional printer memory.

Message	Condition/Reason/Action
Collate Full Press SET	The printer memory is full and cannot continue processing the collated printing. • Press the <Eject/Set> button to clear the message, cancel the current print job, and conduct the next print job, if any. • Press the <Cancel Job> button to cancel the print job. • Press the <Menu> button to open the Print Menu and delete the job being held. • To avoid this error in the future, do the following: -Delete unnecessary fonts, macros, and other data in printer memory. -Install additional printer memory.
PDL Error Press SET	An error relating to PDL emulation has occurred. • Press the <Eject/Set> button to clear the message, cancel the current print job,and conduct the next print job, if any. • Press the <Cancel Job> button to cancel the print job.
Disk Full Press SET	The printer memory is full and cannot continue processing the current print job. • Press the <Eject/Set> button to clear the message, cancel the current print job,and conduct the next print job, if any. • Press the <Cancel Job> button to cancel the print job. • Press the <Menu> button to open the Print Menu and delete the current job. • To avoid this error in the future, do the following: -Reduce the number of print pages such as splitting the print data. -Increase free memory space by deleting unnecessary data in the printer.
Ready to print Over Heat Ready to print Turned Halfmode	The printer internal temperature is too high. Processing on the printer has been slowed down. When the internal temperature falls, the processing speed will automatically rise.
Ready to print Non-genuineToner	The printer is in the custom toner mode. Though some of the print cartridges reach the end of their lives, you can continue printing.
Reboot printer (NNN-NNN)	Error NNN-NNN relates to printer problems. Switch the printer off and then on. If the error continues, contact our Customer Support Center or your dealer.
Reboot printer (116-NNN)	Error NNN-NNN relates to printer problems. Switch the printer off and then on. If the error continues, contact our Customer Support Center or your dealer.
Reboot printer (072-215)	The 550 sheet feeder (optional) is not installed correctly or is not working correctly due to damage or malfunction. Reinstall the sheet feeder.
Reboot printer (077-215)	The duplex unit (optional for the DocuPrint C2200) is not installed correctly or is not working correctly due to damage or malfunction. Reinstall the duplex unit.
Reboot printer (116-316)	The additional memory (optional) is not installed correctly or is not working correctly due to damage or malfunction. Reinstall the additional memory.
Reboot printer (116-320)	An unsupported additional memory (optional) is installed. Replace the specified additional memory.
Load xxxx XXXXXXXX Load xxxx YYYYYYYY	Tray xxxx is out of paper, or the specified paper could not be detected in tray xxxx. Supply Tray xxxx with the following size, direction, and type of paper: XXXX. xxx indicates the number of the tray or bypass tray. **Refer to** • "4.2 Loading Paper" (P. 73)
SysError NNN-NNN Press SET	A system error has occurred. Press the <Eject/Set> button to clear the message. If the error continues, contact our Customer Support Center or your dealer.
SysError NNN-NNN Reboot Printer	A system error has occurred. Switch the printer off and then on. If the error continues, contact our Customer Support Center or your dealer.
Tray is open Push in xxxx	Tray xxxx is pulled out. Set Tray xxxx into the correct position. xxx indicates the number of the tray.

Message	Condition/Reason/Action
Wrong Paper Size Reload xxxx Load xxxx XXXX	The correct paper is not set in Tray xxxx. Set the following size, direction, and type of paper into Tray xxxx: XXXX. xxx indicates the number of the tray or bypass tray. **Refer to** • "4.2 Loading Paper" (P. 73)
Wrong Password Press SET	The password of the PDF file and that set on the printer do not match. Press the <Eject/Set> button to cancel the print job. Set the correct password on the control panel or using ContentsBridge Utility, and try printing again. **Refer to** • "5.2 Description of Menu Items" (P. 83)

NNN indicates a numeric value.

6.7 Network-related Problems

For information on how to resolve network-related printing problems, refer to the ‘CD-ROM Documentation (HTML)’ on the CD-ROM of the Driver CD Kit.

The following are the problems you may encounter when using CentreWare Internet Services, E-mail Print, or StatusMessenger. When an error message or error code is displayed, refer to "6.6 Error Messages (in Alphabetical Order)" (P. 115) to remedy the error.

CentreWare Internet Services Problems

Symptom	Cause/Remedy
Entered text in a text box within the number of bytes allowed for the text box (when one non-alphanumeric character is counted as 2 bytes), but the whole text was not saved.	This printer uses Unicode UTF-8 to save characters entered on CentreWare Internet Services. In general UTF-8 requires 2 to 4 bytes to save one non-alphanumeric character. The text you entered may have exceeded the maximum number of bytes allowed for the text box, and thus was not saved.
Cannot access to CentreWare Internet Services.	Is the printer running normally? Check if the printer is switched on.
	Is CentreWare Internet Services activated? Print out the [Printer Settings] list to see if CentreWare Internet Services is activated.
	Is the URL entered correctly? Check the URL. If you still cannot access the service, enter the printer's IP address instead of the URL.
	Is the number of HTTP port correct? Check the HTTP port number again. If you changed the port number, you must enter a ":" (colon) and then the port number after the address when accessing CentreWare Internet Services. Example) http://printer1.example.com:80/
	If SSL/TLS server communication is enabled, did you enter the address correctly in the address field? If SSL/TLS server communication is enabled, start the address with "https" instead of "http". Also, if you changed the SSL/TLS port number, enter ":" (colon) before the port number. Example) https://printer1.example.com:80/ **Note** • This feature is not supported on the model available in China.
	Is your web browser using a proxy server? CentreWare Internet Services cannot be accessed depending on the proxy server being used. Try accessing the service without using a proxy server. **Refer to** • Online help for your web browser
The "Please wait..." message is displayed on the web browser and does not disappear.	Wait for a while as instructed. If nothing happens, refresh the web browser. If this does not help, check if the printer is running normally.
The latest information is not displayed.	Click the [Refresh] button.

Symptom	Cause/Remedy
The [Refresh] button does not work. The contents in the right frame does not change even when a different topic is selected in the left frame. The service is slow.	Is your operating system or web browser supported by CentreWare Internet Services? Refer to "Configuring the Printer Using CentreWare Internet Services" (P. 28) to see if your operating system or web browser is supported by the service.
	If your browser is using a proxy server, the window may not refresh properly or may become slow. Access CentreWare Internet Services without using a proxy server.
	Old information may be cached on your web browser. Clear all the information cached on the web browser.
The contents projected on the screen is distorted.	Change the window or font size setting on the web browser.
Clicking the [Apply] button does not reflect the new settings.	Did you enter the values correctly? If the values are not valid, an error message will be displayed. Check if the values are entered correctly.
Forgot the system administrator ID or password and unable to change the settings.	The default user ID and password of the administrator of CentreWare Internet Services are: • User ID: 11111 • password: x-admin If you cannot recall the ID and password, initialize the setting under [Wired Network] > [Initialize NVM] on the control panel. This operation, however, initializes the entire network-related settings to the defaults. Before initializing the settings, we suggest you to record the current settings by printing out the [Printer Settings] list.
The service does not accept the user ID or password.	If you fail to log in four times in a row after switching the power on or after the last successful login, you will be locked out of the service. Depending on the web browser you are using, the login window does not close until you cancel the login attempt. In such case, reboot the printer and try logging in again.
The display language is not what you desire.	Change the display language setting on your web browser. **Refer to** • Online help for your web browser
	If you access the printer simultaneously from multiple web browsers or StatusMessenger of different languages, the character strings obtained from the printer may be different from the language setting on the web browsers. If this is the case, refresh the web browsers.
	This problem can happen, also when your web browser is using a proxy server. Trying accessing the service without using a proxy server. **Refer to** • Online help for your web browser
The connection to CentreWare Internet Services was rejected, or a message "The page does not contain data" is displayed.	This may happen if you refresh your web browser too often. Try not to refresh the web browser frequently. Also, do not leave the [Status] or [Jobs] tab displayed on multiple browsers.
Buttons are displayed as URL links.	Some buttons on the service use JavaScript. Such buttons do not appear when JavaScript is not running or disabled. In such case, the buttons are displayed as URL links. We suggest you to enable JavaScript on your web browser.

E-Mail Print/StatusMessenger Problems

Symptom	Cause/Remedy
Cannot check the printer's status via e-mail. (StausMessenger) Cannot use the E-mail Print feature.	Check to see if [Properties] > [Port Status] > [StatusMessenger] or [E-mail Print] on CentreWare Internet Services is set to [Enabled].
	Check the following settings under [Properties] > [E-mail] on CentreWare Internet Services. • Is the e-mail address of the printer configured? • Are the rest of the settings such as the SMTP server and POP3 server set correctly? • Is [Permitted E-mail Address] (e-mail addresses from which the printer accepts e-mails) enabled? Is your addresses included in [Permitted E-mail Address]?
	Is [StatusMessenger Password] or [Password for Print Job] entered correctly in the e-mail (if either password is set)? Make sure to specify the same password as the one set under [Properties] > [E-mail] on CentreWare Internet Services.
	Are the commands written in the e-mail correct? Make sure to write commands correctly. **Refer to** • "3.8 Printing Using E-mail - E-mail Print -" (P. 62) • "7.6 Checking the Printer Status via E-mail" (P. 142)
	Are the SMTP server and POP3 server running normally? Consult your network administrator to see if the servers are running normally.
The printer does not notify errors via e-mail (StausMessenger).	Check to see if [Properties] > [Port Status] > [StatusMessenger] on CentreWare Internet Services is set to [Enabled].
	Check the following settings under [Properties] > [E-mail] and [StatusMessenger] on CentreWare Internet Services. • Is the e-mail address of the printer configured? • Are the rest of the settings such as the SMTP server and POP3 server set correctly? • Are the items or events to be notified of set correctly? • Are the recipients' e-mail addresses set correctly?
	Are the SMTP server and POP3 server running normally? Consult your network administrator to see if the servers are running normally.
Some items are not displayed on job history.	If you view the history of E-mail print jobs on CentreWare Internet Services, [Job Name], [Owner], [Host Name], [Host I/F], and [Job Submission Time] will be blank. The above items will be blank also on [Job History Report]. [Input Port] on [Job History Report] will be printed as [Other].

IPv6 Connection Problems

IPv6 Connection Problems

Symptom	Cause/Remedy
Cannot communicate with Windows Vista.	Windows Vista is configured with a static IPv6 address. Register the static IPv6 address on the printer as a communication-enabled host address.

Symptom	Cause/Remedy
The printer cannot be accessed when specifying a link-local address.	Add a scope ID to the link-local address. For example, when using Internet Explorer 7 with Windows Vista to specify fe80::203:baff:fe48:9010 for access, add the Windows Vista Ethernet adapter local area connection number (8, for example) as the scope ID, and enter: fe80::203:baff:fe48:9010%8.

IPv6 Environment Printing Problems

Symptom	Cause/Remedy
A Windows shared printer cannot be used from Windows Vista in an IPv6 network environment that does not have a DNS server.	Register the computer name of this printer in the Windows Vista hosts file. Example Path: Register in this file: C:\Windows\system32\driver\etc\hosts
Cannot perform IPv6 communication under NetWare.	Run under IPv4.
Cannot perform IPv6 communication under Bonjour.	Run under IPv4.

Other IPv6 Problems

Symptom	Cause/Remedy
Operation is improper when an IPv6 address is specified as the connection destination URL with DocuShare or some other external access connection service. Example: http://[ipv6:2001:db8::1]	In the IPv6 environment, enable the DNS server and specify the destination URL using an FQDN.

6.8 Non-genuine Mode

When toner within a print cartridge is empty, the [Replace XXX Print Cartridge](XXX: Yellow, Magenta, Cyan, or Black) message appears.

When you want to use the printer in Non-genuine mode, use the following procedure to program the mode and replace the print cartridge.

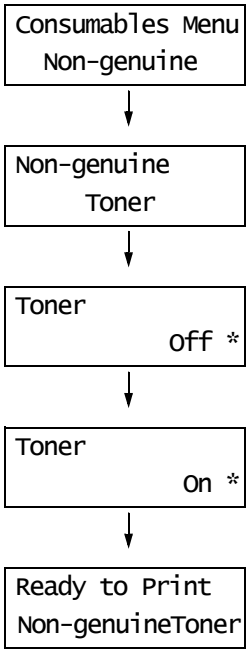
Important

- If you use the printer in the Non-genuine mode, the performance of the printer may not be at its optimum. And any problems that may arise from the use of the Non-genuine mode are not covered by our quality guarantee. The continuous use of the Non-genuine mode can also cause the printer to break down, and any repair charges for such break down will be incurred by users.

Note

- To disable the Non-genuine mode, select [Off] in Step 4.

1. Press the <▼> and <Eject/Set> buttons simultaneously on the control panel. [Consumables Menu] is displayed.
2. Press the <►> or <Eject/Set> button. [Toner] is displayed.
3. Press the <►> or <Eject/Set> button again. The current setting is displayed.
4. Press the <▼> button to display [On]. Then, press the <Eject/Set> button to confirm the selection.
5. Press the <Menu> button. The printer switches to the Non-genuine mode.



7 Maintenance

7.1 Replacing Consumables

If a message to prompt you to replace xxx print cartridge is displayed on the control panel, replace the indicated cartridge.

Note
- About the possible number of pages that can be printed with a print cartridge, refer to "A.3 Life of Consumables" (P. 178). The possible number of pages that can be printed differs according to factors such as the print contents, paper size, paper type, number of pages being printed, environment used, and the frequency that the printer is switched on and off.
- Before ordering a new print cartridge from your dealer, check the product code listed in "A.2 Optional Accessories" (P. 176).

Recycling Used Consumables

The used print cartridges are recycled for environmental conservation and effective utilization of materials. Dispose of the used print cartridges properly. Return them to Fuji Xerox or your dealer.

Replacing the Print Cartridges

This section describes procedures for replacing the print cartridges.

Caution on Handling the Print Cartridges

When handling the print cartridges, take note of the following points:

⚠ WARNING
- Use a broom or a wet cloth to wipe off spilled toner. Never use a vacuum cleaner for the spills. It may catch fire by electric sparks inside the vacuum cleaner and cause explosion. If you spill a large volume of toner, contact your local Fuji Xerox representative.
- Never throw a toner cartridge into an open flame. Remaining toner in the cartridge may catch fire and cause burn injuries or explosion.
  If you have a used toner cartridge no longer needed, contact your local Fuji Xerox representative for its disposal.

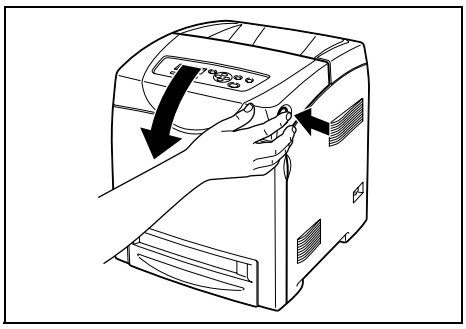
⚠ CAUTION
- Keep drum cartridges (or drum if not a cartridge type) and toner cartridges out of the reach of children. If a child accidentally swallows toner, spit it out, rinse mouth with water, drink water and consult a physician immediately.
- When replacing drum cartridges (or drum if not a cartridge type) and toner cartridges, be careful not to spill the toner. In case of any toner spills, avoid contact with clothes, skin, eyes and mouth as well as inhalation.
- If toner spills onto your skin or clothing, wash it off with soap and water.
  If you get toner particles in your eyes, wash it out with plenty of water for at least 15 minutes until irritation is gone. Consult a physician if necessary.
  If you inhale toner particles, move to a fresh air location and rinse your mouth with water.
  If you swallow toner, spit it out, rinse your mouth with water, drink plenty of water and consult a physician immediately.

- Do not reuse print cartridges that have been removed from the printer. Doing so may cause degradation of print quality, or the toner may spill onto print jobs.
- Do not shake or pat the removed print cartridges after you remove it. The remaining toner may spill out.
- Although the toner is not harmful to the body, wash it off immediately if your hands or clothes are stained with it.

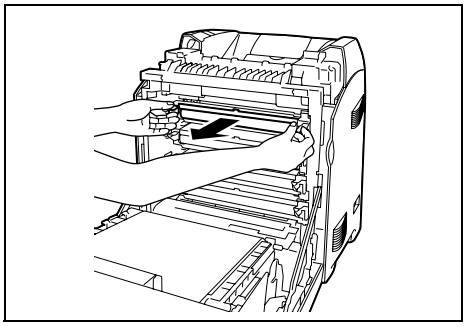
Replacing the Print Cartridges

1. Remove any paper in the output tray.

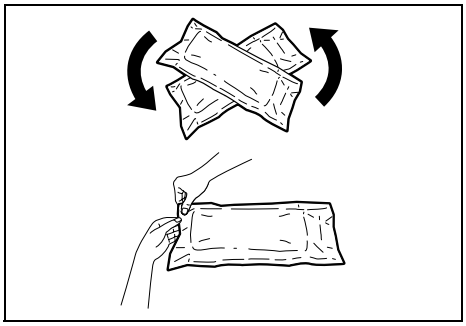
2. Press the side button and open the front cover.



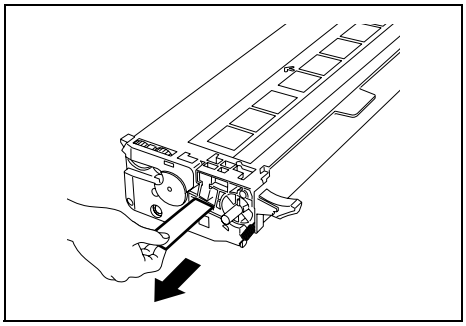
3. Hold the knobs at the ends of the print cartridge that you want to replace and pull it out.



4. Select the new print cartridge whose color matches the cartridge holder and remove it from its packaging.

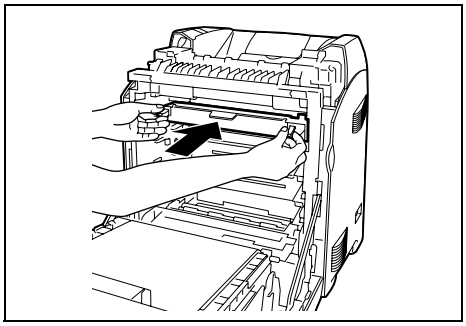


5. Remove the toner seal by pulling the tab on the end of the print cartridge.



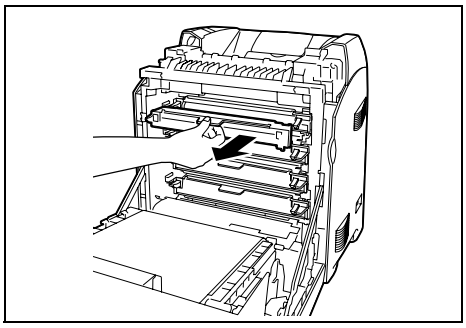
Note
- Pull the toner seal straight out. Pulling the seal diagonally may tear it.

6. Hold both knobs of the print cartridge with the label facing up and slide the cartridge into the printer as far as it can go.

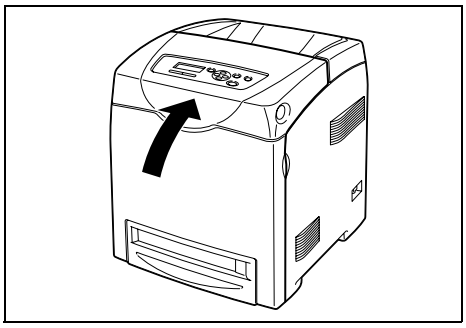


7. Repeat steps 4, 5, and 6 to install the other print cartridges.

8. Remove the cap of the installed print cartridge.



9. Close the front cover.



Replacing the Fuser

This section describes procedures for replacing the fuser.

Caution on Handling the Fuser

When handling the fuser, take note of the following points:

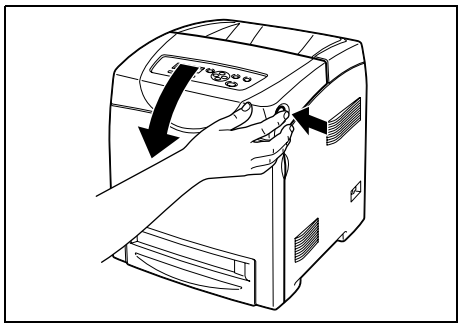
⚠ CAUTION
- Fuser Safety
  When removing the fuser unit, always switch off first and wait for 30 minutes until it cools off.

- Always turn off the printer and disconnect the power cable from the grounded outlet before cleaning the printer or performing maintenance. It can cause electric shock.
- Avoid bright light and try to finish the replacement within 5 minutes.

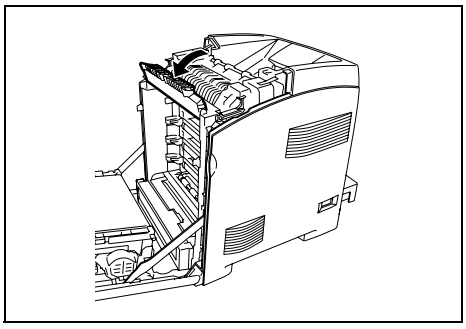
Replacing the Fuser

Important
- Wait 30 minutes after turning off the printer before replacing the fuser.

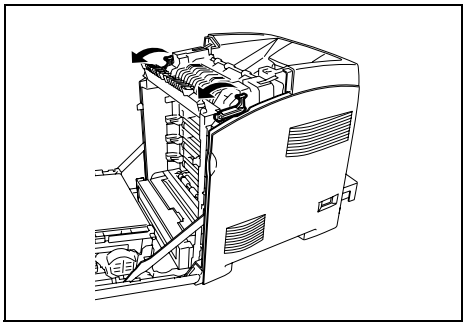
1. Turn off the printer and wait for 30 minutes.
2. Remove any paper in the output tray.
3. Press the side button and open the front cover.



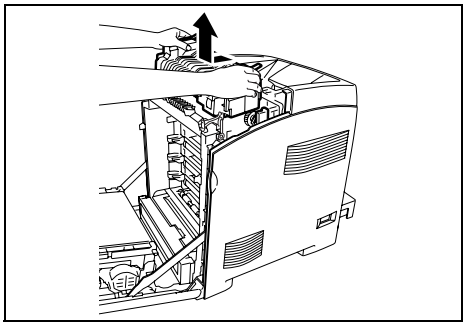
4. Hold the knob of the chute gate and open it.



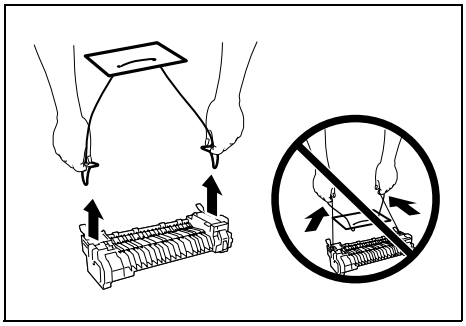
5. Release the levers at both ends of the fuser.



6. Hold both sides of the installed fuser, and pull it inward slightly and then upward to remove.

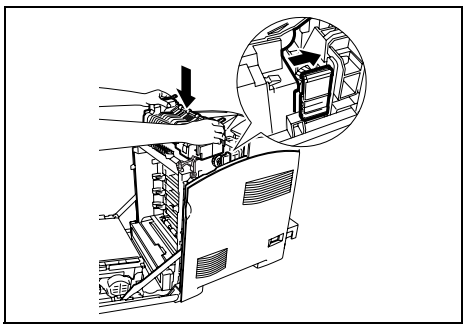


7. Unpack a new fuser and remove the tag from the new fuser.

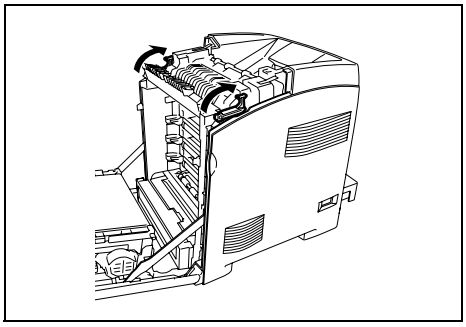


8. With the connector of the fuser toward the slot, lower the fuser and then push the connector into the slot firmly.

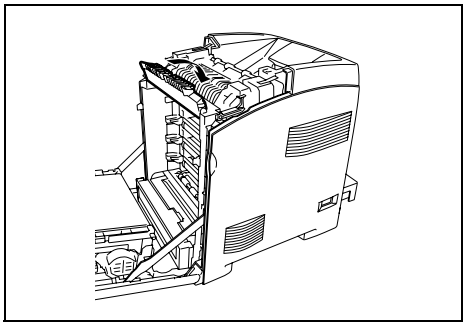
Note
- Hold either side of the fuser with both hands.
- Make sure that the fuser is firmly fixed in the slot and cannot be moved easily.



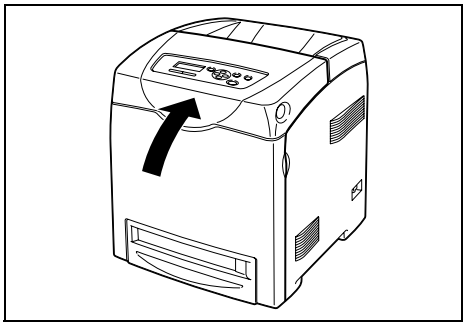
9. Lock both levers at the ends of the fuser.



10. Close the chute gate.



11. Close the front cover.



Replacing the Feed Roller

This section describes procedures for replacing the feed roller.

Caution on Handling the Feed Roller

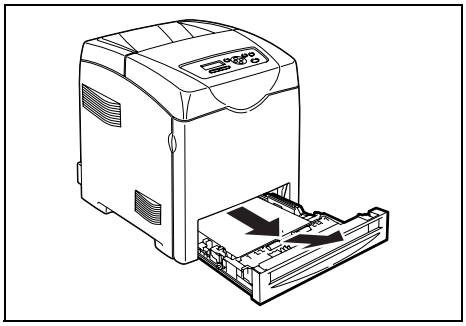
When handling the feed roller, take note of the following points:

Important

- Always turn off the printer and disconnect the power cable from the grounded outlet before cleaning the printer or performing maintenance. It can cause electric shock.

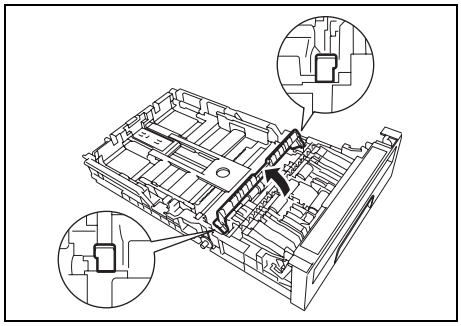
Replacing the Feed Roller in the Tray

1. Pull the tray out of the printer until it stops. Hold the tray with both hands, lift the front slightly, and remove it from the printer.

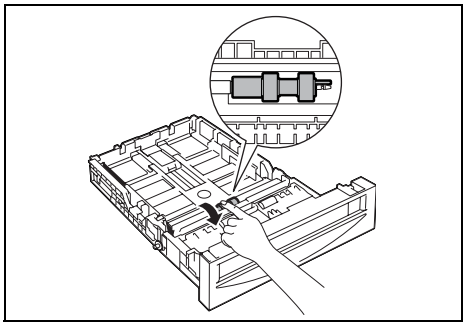


2. Remove any paper in the tray

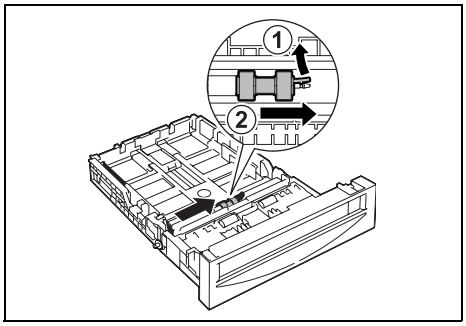
3. Hold the knobs of the feed roller cover and open the cover.



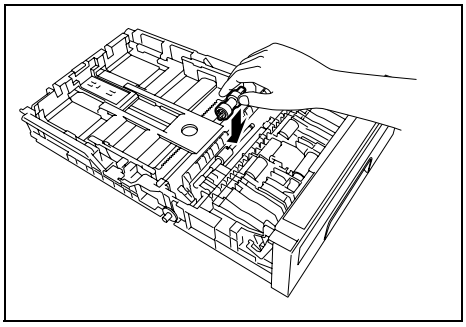
4. Turn the feed roller until the roller hook can be seen.



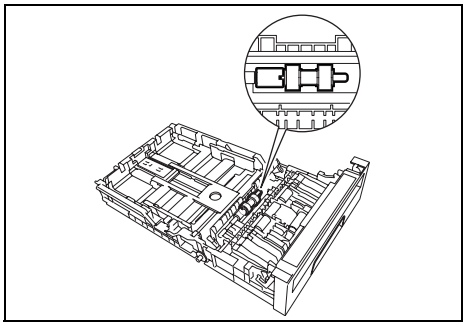
5. Pull the feed roller hook out of the notch in the axle, and then slide the feed roller to the right.



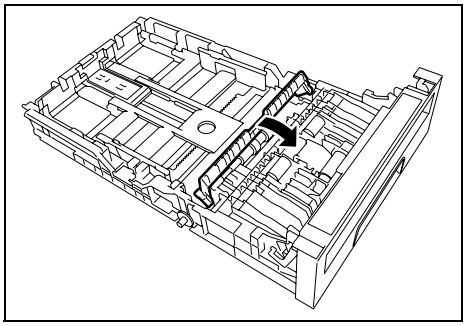
6. Align the hole of the new feed roller with the axle.



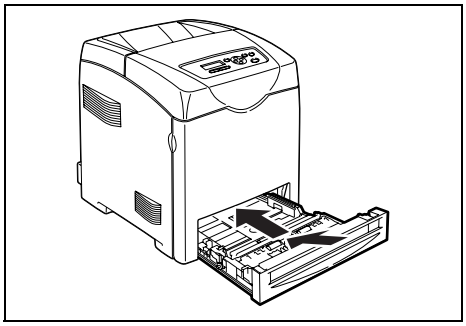
7. Slide the feed roller along the axle so the protrusions fit completely into the slots on the axle.



8. Close the feed roller cover until it clicks.

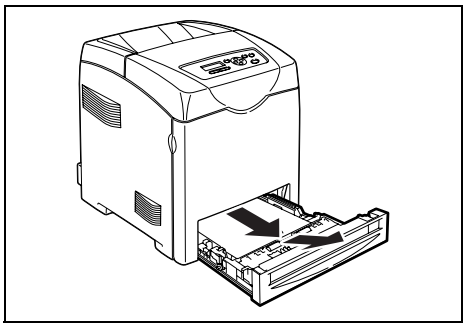


9. Replace the tray into the printer.



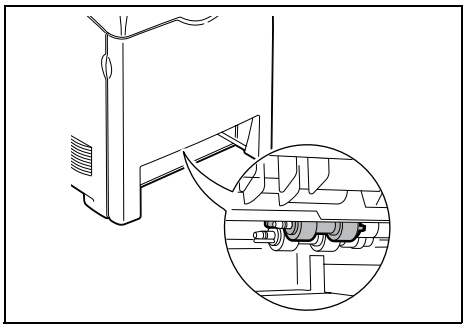
Replacing the Feed Roller in the Printer

1. Pull the tray out of the printer until it stops. Hold the tray with both hands, lift the front slightly, and remove it from the printer.

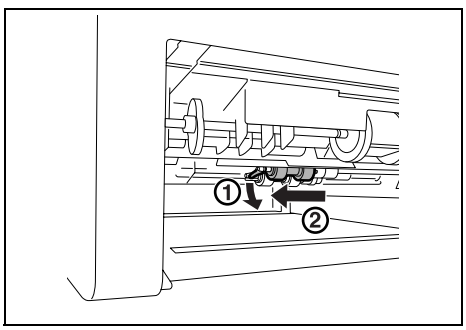


2. Remove any paper in the tray

3. Turn the feed roller until the roller hook can be seen.

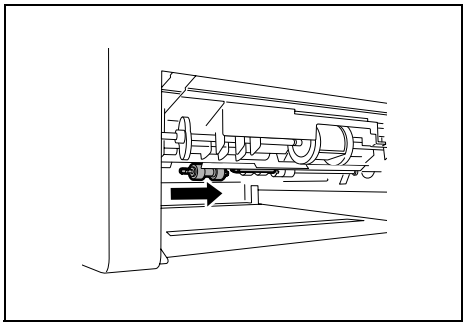


4. Pull the feed roller hook out of the notch on the axle, and then slide the feed roller to the left.

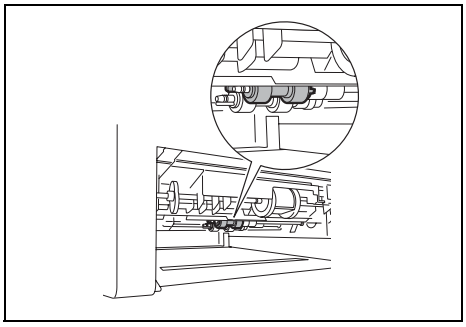


5. Repeat steps 3-4 and remove the other feed roller from inside of the printer.

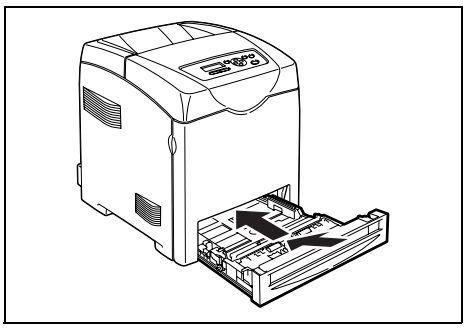
6. Align the hole of the new feed roller with the axle.



7. Slide the feed roller along the axle so that the protrusions fit completely into the slots on the axle.

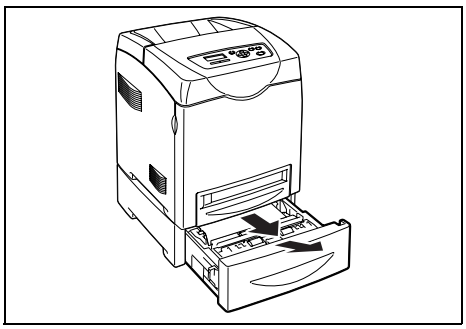


8. Replace the tray into the printer.



Replacing the Feed Roller in the 550 Sheet Feeder

1. Pull the tray out of the printer until it stops. Hold the tray with both hands, lift the front slightly, and remove it from the printer.



2. Remove any paper in the tray.

To continue replacing the feed roller, refer to steps 3-8 of "Replacing the Feed Roller in the Tray" (P. 130) and steps 3-8 of "Replacing the Feed Roller in the Printer" (P. 132).

Replacing the Belt Unit

This section describes procedures for replacing the Belt Unit.

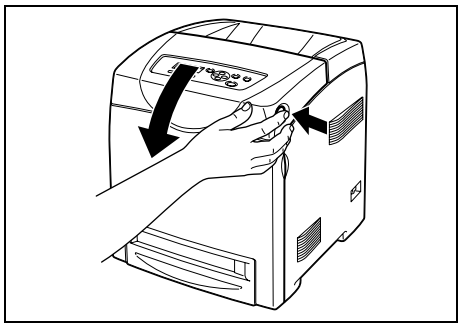
Caution on Handling the Belt Unit

When handling the Belt Unit, take note of the following points:

- Avoid bright light and try to finish the replacement within 5 minutes.
- Make sure nothing touches or scratches the surface (black-colored film) of the belt unit. Scratches, dirt, or oil from your hands on the film of the belt unit may reduce print quality.

Replacing the Belt Unit

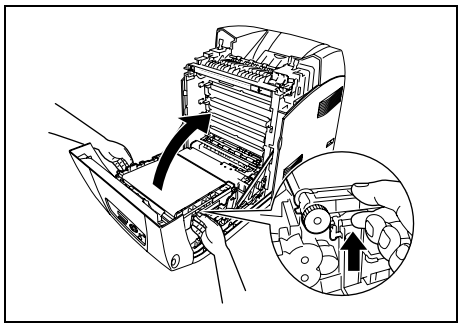
1. Make sure that the printer is turned off.
2. Remove any print jobs from the output tray.
3. Press the side button and open the front cover.



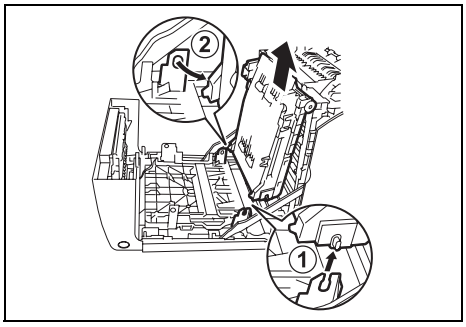
4. Hold the knobs of the Belt Unit and open the unit fully.

Important

- Do not touch the inside of the printer with your hands. Some parts may be hot. Allow time for the printer to cool before attempting to remove parts in this area.

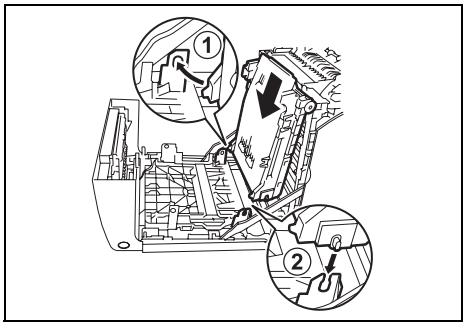


5. Hold both sides of the Belt Unit with both hands and pull up the right side of the unit until the knob on the right side comes out of the groove. Then, shift the Belt Unit to the right and remove the unit from the printer.

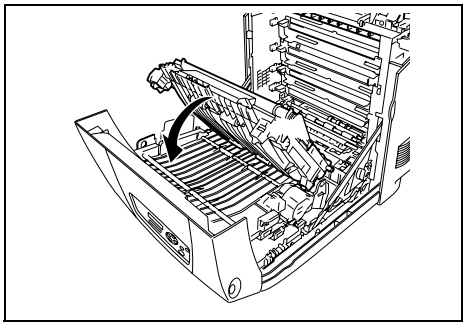


6. Unpack a new Belt Unit.

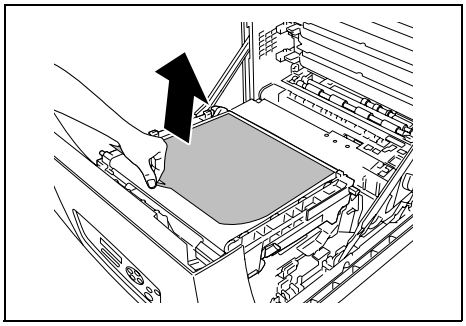
7. Insert the left knob of the Belt Unit into the hole, and then align the other knob with the groove and push down on the right side of the Belt Unit.



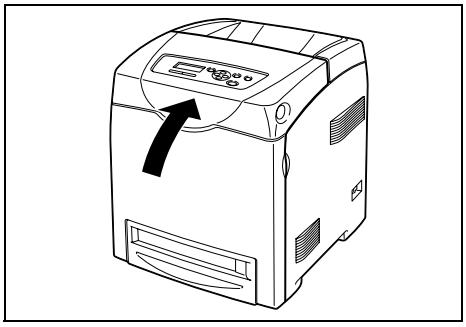
8. Close the Belt Unit by pulling it down until it clicks.



9. Remove the protective sheet from the Belt Unit.



10. Close the front cover.



7.2 Printing the Reports/Lists

This section describes various reports/lists that can be printed from the printer.

Types of the Reports/Lists

The printer can print the following reports/lists in addition to print jobs from its clients.

Report/List Name (Name on the Control Panel)	Description
Printer Settings (Printer Settings)	Lists the total number of prints, the printer's hardware configuration, network information, and the status of various settings. Print this list to see if the options are correctly installed on the printer.
Panel Settings (Panel Settings)	Lists the values of the settings configured on the control panel.
PCL Font List (PCL Font List)	Lists the supported PCL fonts and samples of these fonts.
PCL Macro List (PCL Macro List)	Lists the information about the PCL macros downloaded to the printer.
PostScript® Font List (PS Font List)	Lists the supported PostScript fonts and samples of these fonts.
PDF Font List (PDF Font List)	Lists the supported PDF fonts and samples of these fonts.
Job History Report (Job History)	Lists the last 20 print jobs processed on the printer. You can print this report to check the completion status of your job. You can program your printer to automatically print this report after every 20 jobs using the control panel. For more details, refer to "Auto Job History" (P. 89).
Error History Report (Error History)	Lists up to the latest 42 jam errors and 42 fatal errors that occurred in the printer.
Meter Report (Print Meter)	Lists the number of printed pages/sheets to date by computer (job owner). This report cannot be printed when the Authentication feature is enabled. The [Auditron Report] can be printed instead. **Refer to** • "7.3 Checking Printed Pages" (P. 138)
Auditron Report (Print Meter)	When the Authentication feature is enabled, selecting [Print Meter] prints this report. This report lists the number of pages/sheets printed to date by each user. **Refer to** • "7.8 Authentication and Auditron Administration Features" (P. 156)
- (Demo Print)	Prints a sample of the document (A4 Sample / 2-Sided Sample) to check the printer's performance.

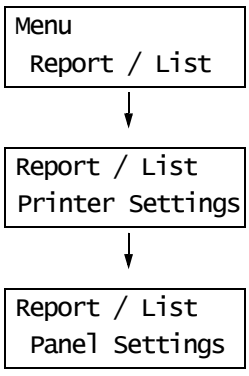
Report/List Name (Name on the Control Panel)	Description
Stored Document List (Stored Documents)	Lists the documents stored in the printer via the Secure Print/Sample Print feature. **Note** • This list can be printed only when the hard disk or the additional memory (optional) is installed. **Refer to** • "3.4 Printing Confidential Documents - Secure Print -" (P. 50) • "3.5 Printing After Checking the Print Result - Sample Print -" (P. 54)

Printing a Report/List

The reports/lists can be printed using the control panel. The following shows how to print the [Panel Settings] list. The procedure is the same also for other reports/lists.

Note
• The reports/lists are printed on A4 size paper.

1. Press the <Menu> button to display the menu screen



2. Press the <▶> or <Eject/Set> button to accept the selection.
[Printer Settings] is displayed.

3. Press the <▼> button until [Panel Settings] is displayed.

4. Press the <Eject/Set> button to print the report.
The report is printed.

7.3 Checking Printed Pages

The printer can count the number of printed pages/sheets by different categories such as output color and computer.

Checking the Meter Reading (Meter)

The total number of prints can be viewed on the control panel.

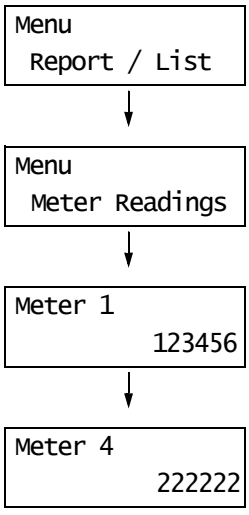
Meter 1	Displays the total number of color prints.
Meter 2	Displays the total number of monochrome prints.
Meter 3	Normally not used.
Meter 4	Displays the total of color and monochrome prints (Meter 1 + Meter 2).

Note

- If you print a job that was color-converted using ICC profile or other tool when [Output Color] is set to [Color (Auto)], the job will be printed in color even if it looks monochrome on your monitor. In this case, the job will be counted by the meter 1 (color prints).
- If you print a job 2 sided, depending on the application being used and the print quantity setting, the application may insert a blank page into the job. In such case, the blank page is counted as "1 page" and will be included in the meter count.

Use the following procedure to check the meter reading on the control panel.

1. Press the <Menu> button on the control panel to display the menu screen.
2. Press the <▼> button until [Meter Readings] is displayed.
3. Press the <►> or <Eject/Set> button to accept the selection.
   [Meter 1] is displayed.
4. Press the <▲> or <▼> button to display the meter you want to check.
5. When you are finished checking the meter, press the <Menu> button to return to the print screen.



Checking the Meter Reading by Computer (Meter Report)

The [Meter Report] shows the number of printed page/sheets for each computer (job owner).

The [Meter Report] can be printed from the control panel.

Note

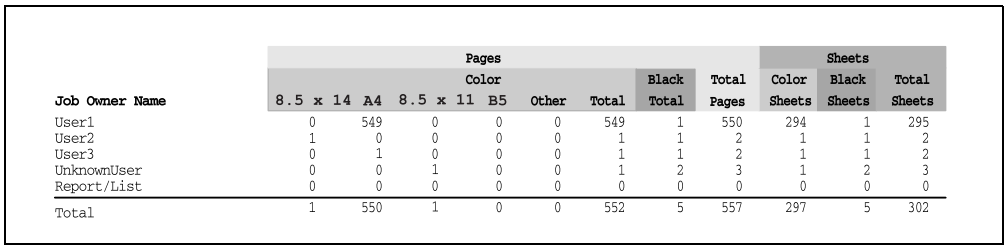
- When the Authentication and Auditron Administration features are enabled, you can print the [Auditron Report] instead of the [Meter Report].
- If you enable the Authentication and Auditron Administration features, the meter counts will reset to "0".
- You can reset the meter counts under [Maintenance Mode] > [Printer Meter] on the control panel.

Refer to

- For information on how to print the [Meter Report], refer to "7.2 Printing the Reports/Lists" (P. 136).

Meter Report

The [Meter Report] lists the following items.



	Pages								Sheets		
	Color					Black	Total	Color	Black	Total
Job Owner Name	8.5 x 14 A4	8.5 x 11 B5	Other	Total	Total	Pages	Sheets	Sheets	Sheets
User1	0	549	0	0	0	549	1	550	294	1	295
User2	1	0	0	0	0	1	1	2	1	1	2
User3	0	1	0	0	0	1	1	2	1	1	2
UnknownUser	0	0	1	0	0	1	2	3	1	2	3
Report/List	0	0	0	0	0	0	0	0	0	0	0
Total	1	550	1	0	0	552	5	557	297	5	302

Job Owner Name	Up to 50 owner names can be printed. The print count of the 51th job owner or a user without a job owner name will be listed under "UnknownUser" (second from the last row). The printing of this report is also counted in "Report / List" (the last row in the report).
Pages - Color 8.5 × 14	Total number of pages printed in color on 8.5 × 14" size paper.
Pages - Color A4	Total number of pages printed in color on A4 size paper.
Pages - Color 8.5 × 11	Total number of pages printed in color in 8.5 × 11" size paper.
Pages - Color B5	Total number of pages printed in color on B5 size paper.
Pages - Color Other	Total number of pages printed in color on paper other than the above.
Pages - Color Total	Total number of pages printed in color.
Pages - Black Total	Total number of pages printed in monochrome.
Pages - Total Pages	Total number of pages printed. Printed pages are counted after every print job.
Sheets - Color Sheets	Total number of sheets[*1] printed in color.
Sheets - Black Sheets	Total number of sheets[*1] printed in monochrome.
Sheets - Total Sheets	Total number of sheets[*1] printed. Printed sheets are counted after every print job.

[*1]: If you perform 2-sided printing on this printer, "1 page" is counted as "1 sheet".
For example, if printing 4 pages with 2-sided printing, the printed sheets are counted as "4 sheets".

7.4 Checking the Printer Status via SimpleMonitor

SimpleMonitor is a tool that allows you to check the status of print jobs when your printer is local, or when it is connected to an LPD port.

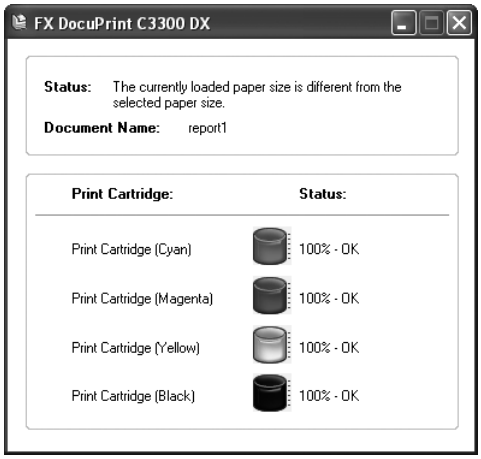
This tool runs on Windows operating systems and can be installed from the CD-ROM of the Driver CD Kit included with the printer.

Note

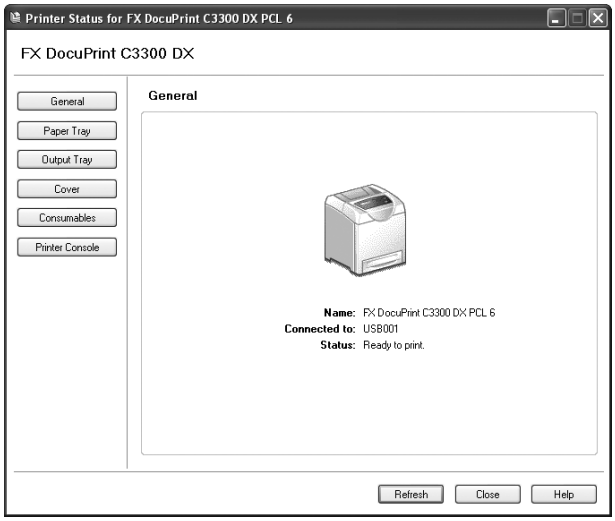
- For information on how to install SimpleMonitor, refer to the 'CD-ROM Documentation (HTML)' on the CD-ROM of the Driver CD Kit.

SimpleMonitor can perform the following:

- If an error occurs while processing a print job, SimpleMonitor displays a window on your computer informing you of the error.



- SimpleMonitor displays the following window that shows the size and the amount of paper loaded in the paper tray, the status of the output tray, and the remaining life of consumables (only when your printer is a local printer).



Note

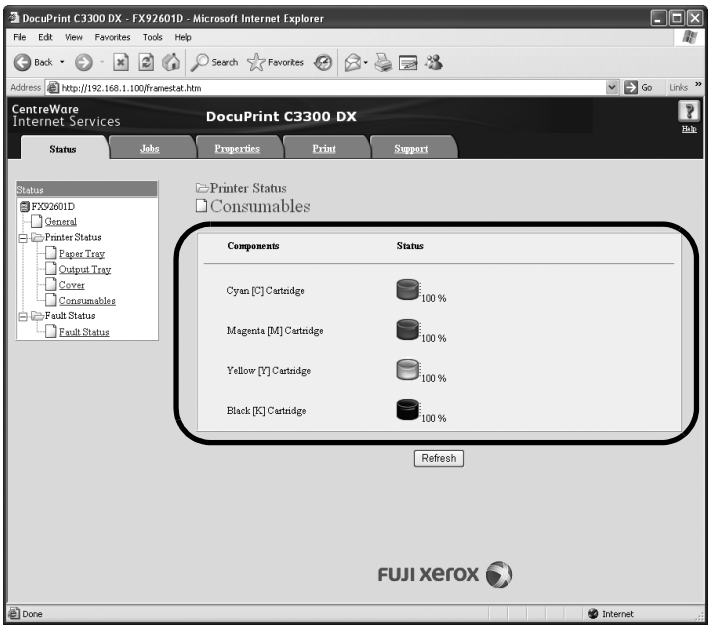
- If your printer is networked, you can check its status by accessing CentreWare Internet Services from SimpleMonitor.
- For more information about SimpleMonitor, refer to the online help provided for SimpleMonitor.

7.5 Monitoring/Managing the Printer on a Web Browser

When your printer is installed in a TCP/IP environment, you can monitor or remotely configure the printer using a web browser on a networked computer.

This feature is called CentreWare Internet Services.

CentreWare Internet Services can be used also to check the status of consumables and the paper level of the paper tray.



Note

- For information on how to use CentreWare Internet Services, refer to "Configuring the Printer Using CentreWare Internet Services" (P. 28).
- CentreWare Internet Services cannot be used when using the printer as a local printer. For information on how to monitor your printer when it is local, refer to "7.4 Checking the Printer Status via SimpleMonitor" (P. 140).

7.6 Checking the Printer Status via E-mail

If your printer is networked and set up for e-mail and TCP/IP communication, you can perform the following.

This feature is called "StatusMessenger".

- If you send the printer an e-mail asking for the its status, the printer sends you the information by e-mail.

Example of e-mail from the printer

```
Subject : Re: test1
   From : printer1@example.com
     To : user1 < user1@example.com >

[Printer status]
 - Ready.

[Network Information]
{Network}
  F/W Version          : x.xx
  Ethernet Address     : xx:xx:xx:xx:xx:xx
  Ethernet Settings    : 10Base-T Half(AUTO)
  TCP/IP Settings      : Manual
```

- The printer can send e-mail notification of errors (paper jams, consumable status, etc.) to the specified e-mail addresses. The recipients can periodically track the status of the print cartridges and can be aware of exactly when to replace them. The recipient of this notification should be your network administrator or an shared e-mail address.

Example of e-mail from the printer

```
Subject : Status Message
   From : printer1@example.com
     To : user2 <user2@example.com>

[Status Message]
 - 093-932 : Replace Toner Cartridge
   (Cyan Cartridge)
```

Setting the StatusMessenger Feature

To use the StatusMessenger feature, you must configure the network and e-mail environments of the printer. Ask your network administrator to find out if the following settings have been configured.

Network Environment

- Create an e-mail account

E-mail Environment (Printer)

Use CentreWare Internet Services to configure ports, an e-mail server, and the printer's e-mail address.

Set the following items under [Properties] in accordance with your e-mail environment.

Note
- After changing the settings, make sure to click the [Apply] button and reboot the printer.
- For details on each menu item, refer to the online help for CentreWare Internet Services.

Page	Setting Item	Description
Port Status	StatusMessenger	Select [Enabled].
Protocol Settings > E-mail	Machine's E-mail Address, SMTP Server Address, SMTP Server Port Number, E-mail Send Authentication, Login Name (SMTP), Password (SMTP), POP3 Server Address, POP3 Server Port Number, Login Name (POP3), Password (POP3), POP3 Server Check Interval, APOP Settings	Configure the settings required for the printer to send/receive e-mails. **Refer to** • "E-mail Environment (Printer)" (P. 63) for more information.
	Permitted E-mail Address	If controlling e-mail reception, set the e-mail addresses of users who are permitted to send e-mails to the printer. If you do not specify addresses, the printer will accept e-mails from all users.
	Password	When requiring users to enter a password when sending e-mails to the printer, enter the password for [StatusMessenger Password].
StatusMessenger	Recipient's E-mail Address 1 - 2	Set the e-mail addresses of users who will be notified of changes in the printer's status (such as errors). You can set up to two e-mail addresses.
	Notification Items	Select the items you want to be notified of. • Consumables Status • Paper Jam Status • Printer Booting • Login Error • Items other than the above

Sending an E-mail to Check the Printer Status

Follow these guidelines when sending an e-mail to the printer.

- Use the e-mail application on your computer and enter the printer's e-mail address in the "To:" field.
- The subject can be whatever you like.
- Enter the following commands observing the rules described below.

Note
- The method of sending e-mails varies depending on the application being used. Consult the documentation for your e-mail application.

■ Supported Commands

Command	Parameter	Description
#Password	Password	When [StatusMessenger Password] is set, make sure to start your e-mail with this command. When the password is not set, you do not need to enter this command.
#NetworkInfo	-	Specify this command when you want to obtain the network setting information.
#Status	-	Specify this command when you want to obtain the printer's status.

■ Command Entry Rules

Follow these guidelines when entering commands in e-mails.

- Commands are not case sensitive.
- If [StatusMessenger Password] is set, start your e-mail with "#Password".
- Prefix each command with "#". Any command that does not start with "#" will be ignored.
- Place only one command per line and separate each command or parameter with a space or a tab.
- When the same command is entered more than once in one e-mail, only the first one will be valid and the rest will be ignored.

■ Example

1. If you want to obtain the printer's status when [StatusMessenger Password] is not set, enter:

```
#Status
```

2. If you want to obtain the printer's status and network setting information when [StatusMessenger Password] is set to "ronly", enter:

```
#Password       ronly
#Status
#NetworkInfo
```

7.7 Security Features

This section explains various security features of the printer and how to configure them. The information in this section is intended for the system administrator of the printer.

Overview of the Security Features

The following table lists the security features of the printer. For details on each feature, refer to the reference pages in the table.

Feature	Description	Refer to
Control panel lock	The user access to the control panel can be controlled using a password.	"Panel Settings" (P. 97)
Secure Print	When printing a confidential document or document that you do not want third parties to see, you can temporarily store the document in the printer and print it after entering a password on the control panel. **Note** • To use this feature, the hard disk or the additional memory (optional) must be installed.	"3.4 Printing Confidential Documents - Secure Print -" (P. 50)
SSL data encryption for HTTP communication	When sending data to your printer over a network, the transmission can be encrypted using SSL. **Note** • This feature is not supported on the model available in China.	"SSL Data Encryption for HTTP Communication" (P. 146)
Data reception control by IP address	Data reception on the printer can be controlled by registering the IP address of computers that are permitted to send data.	"IP Filter" (P. 86) or "Controlling Data Reception by IP Address" (P. 150)
User access control by the Authentication feature	Print requests from computers can be controlled using the printer's Authentication feature.	"7.8 Authentication and Auditron Administration Features" (P. 156)
IPsec data encryption	When sending data to your printer over a network, the transmission can be encrypted using the IPsec feature. To enable the IPsec feature, configure the settings on CentreWare Internet Services. This feature is supported only on Windows Vista. Configure the same settings on CentreWare Internet Services as what you configured on Windows Vista. **Note** • This feature is not supported on the model available in China.	"IPsec Data Encryption" (P. 152) or Online help for CentreWare Internet Services.
IEEE 802.1x authentication	When connecting your printer to a network secured by IEEE 802.1x authentication, this feature enables your printer to exchange authentication information. To enable the 802.1x feature, configure the settings on CentreWare Internet Services. Configure the same settings on CentreWare Internet Services as what you configured on the Authentication Server. **Note** • This feature is not supported on the model available in China.	"IEEE 802.1x Authentication" (P. 154) or Online help for CentreWare Internet Services.

SSL Data Encryption for HTTP Communication

This feature is not supported on the model available in China.

Enabling SSL/TLS server communication allows you to encrypt HTTP communication between the printer and clients over a network.

There are two ports that support HTTP communication: internet service port and IPP port.

This feature allows you to encrypt information exchanged between the printer and CentreWare Internet Services and print data sent to the printer using an IPP port.

To encrypt data transmission, you must use SSL/TLS protocol. To decode encrypted data, a certificate for SSL/TLS is required.

A certificate can be created using CentreWare Internet Services.

To Enable Data Encryption

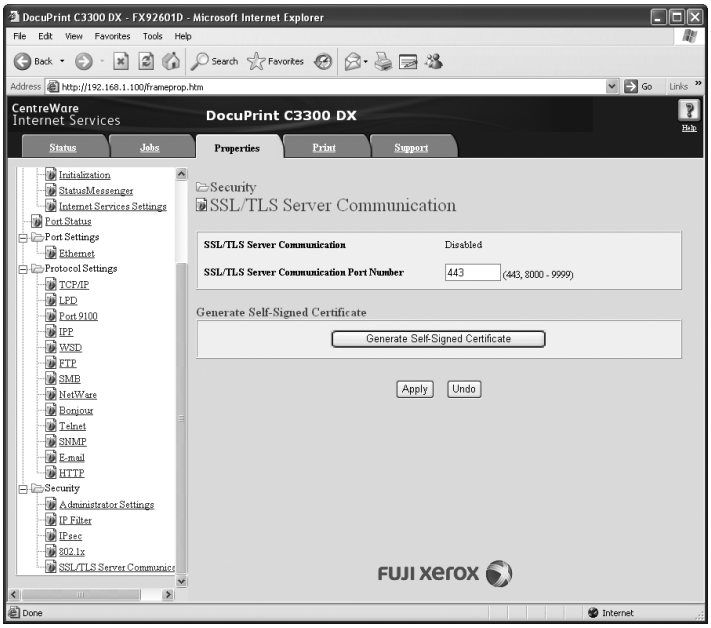
The following explains how to create a certificate on CentreWare Internet Services and set various settings required to enable data encryption. For more information, refer to the online help provided for CentreWare Internet Services.

1. Launch your web browser and access CentreWare Internet Services.

Note
- For information on how to access CentreWare Internet Services, refer to "Configuring the Printer Using CentreWare Internet Services" (P. 28).

2. Click the [Properties] tab.

3. From the menu displayed on the left, click [SSL/TLS Server Communication] under [Security].
   The [SSL/TLS Server Communication] page is displayed.

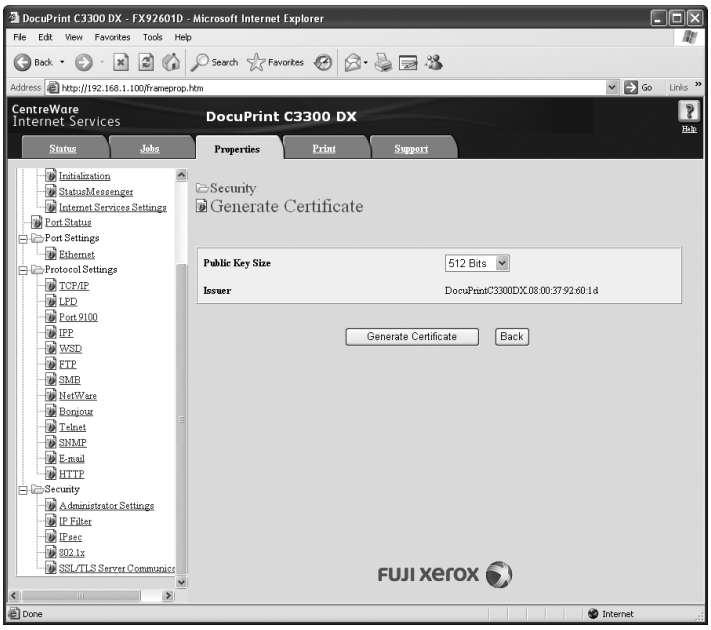


4. Click [Generate Self-Signed Certificate] to create a certificate.

5. A window that prompts you to enter a user ID and password appears. Enter the administrator's user ID and password and click [OK].

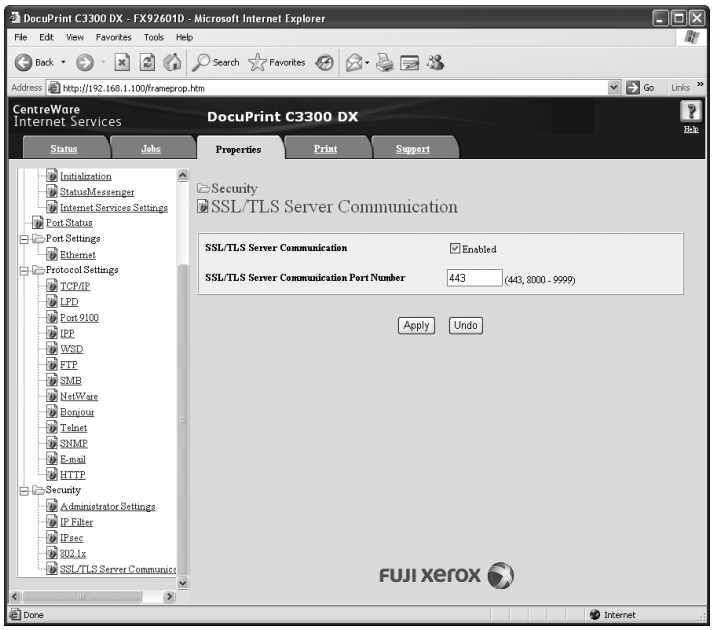
Note
- The default user ID and password are "11111" and "x-admin", respectively.

6. On the displayed page, set [Public Key Size] and click the [Generate Certificate] button.



7. When a message is displayed to inform your request is successfully proceeded, click the [Back] button.

8. Select the [Enabled] check box for [SSL/TLS Server Communication].



9. Set [SSL/TLS Server Communication Port Number].

Note
- The SSL/TLS port number should not be the same as the HTTP port number.

10. Click the [Apply] button and reboot the printer.

Accessing CentreWare Internet Services when Data Encryption is Enabled

When data encryption is enabled, enter "https" instead of "http" before the address when accessing CentreWare Internet Services.

- Example of IP address
  https://192.168.1.100/
- Example of internet address
  https://xxx.yyyy.zz.vvv/

Note

- From the menu display on the left, click [Certificate Management] under [Security], [Certificate Management] appears on the [Properties] tab. On the [Certificate Management] page, you can verify or delete certificates.
- If you changed the port number, enter ":" (colon) and then the new port number after the address. Example: https://printer's IP address:port number/

Enabling Data Encryption

To encrypt print data sent to the printer, you must use an IPP port on the printer.

When the printer's IPP port is disabled (the default is [Enable]), enable the port. Then, install a print driver on your computer and set the output port to IPP.

The following describes how to install a print driver on your computer.

The procedure uses Windows XP as an example.

Note

- For information on how to install a print driver on your computer, refer to the 'CD-ROM Documentation (HTML)' on the CD-ROM of the Driver CD Kit.

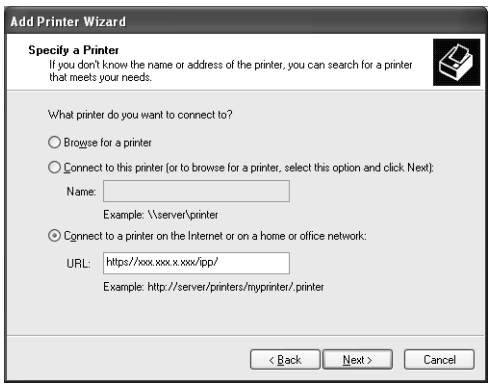
1. From the Windows [Start] menu, select [Printers and Faxes].

2. From [Printer Tasks], select [Add a printer].

3. In the [Add Printer Wizard] window, click [Next].

4. Select [A network printer, or a printer attached to another computer], and then click [Next].

5. Select [Connect to a printer on the Internet or on a home or office network], and then enter the following URL into [URL]:
   https://IP_Address/ipp/
   (where IP_Address is the IP address of the printer).
   Click [Next].


Add Printer Wizard
Specify a Printer
If you don't know the name or address of the printer, you can search for a printer that meets your needs.
What printer do you want to connect to?
Browse for a printer
Connect to this printer (or to browse for a printer, select this option and click Next):
Name:
Example: \\server\printer
Connect to a printer on the Internet or on a home or office network:
URL:
https://xxx.xxx.x.xxx/ipp/
Example: http://server/printers/myprinter/.printer
< Back
Next >
Cancel

6. Click [Have Disk].

7. In the dialog box displayed, enter the path for the print driver.
   Click [OK].

8. Select the print driver, and then click [OK].

9. Set whether to use this printer as the default printer by selecting [Yes] or [No], and then click [Next].

10. Click [Finish] to finish the setting.

Controlling Data Reception by IP Address

When the printer uses an LPD port or Port9100 port, the printer can deny or accept data from certain IP addresses. The following explains how to set this feature using CentreWare Internet Services.

Before configuring the setting, disable the print ports other than an LPD port or Port9100 port.

Note
- To set this feature on the control panel, refer to "IP Filter" (P. 86).
- This feature can be used only when the printer uses LPD or Port9100.

1. Launch your web browser and access CentreWare Internet Services.

Note
- For information on how to access CentreWare Internet Services, refer to "Configuring the Printer Using CentreWare Internet Services" (P. 28).

2. Click the [Properties] tab.

3. From the menu on the left, click [Protocol Settings] and then [LPD] or [Port 9100].

4. Click [Edit] for [IP Filter].

5. Enter the IP addresses/address masks you want to control access from and select the type of access ([Reject], [Permit], or [Off]). The IP addresses/address masks should be series of four numbers between 0 and 255. The current value is indicated with an asterisk (*).

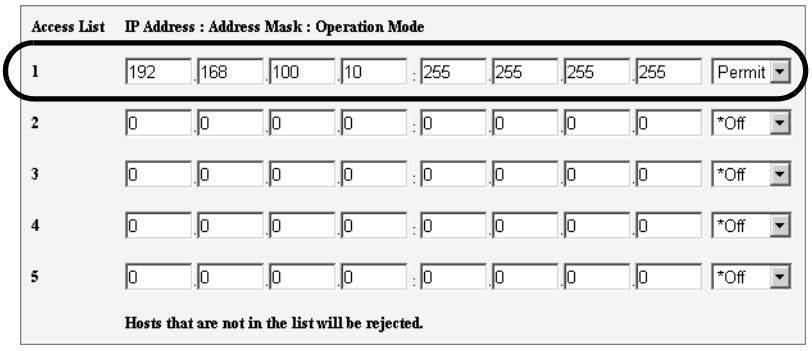
6. When you are finished with the setting, click the [Apply] button located at the bottom of the right frame and reboot the printer.

Note
- If you do not want to apply your new settings and want to reset them to the original values, click [Undo].
- When you are prompted to enter the administrator's ID and password, enter the ID and password and click [OK].

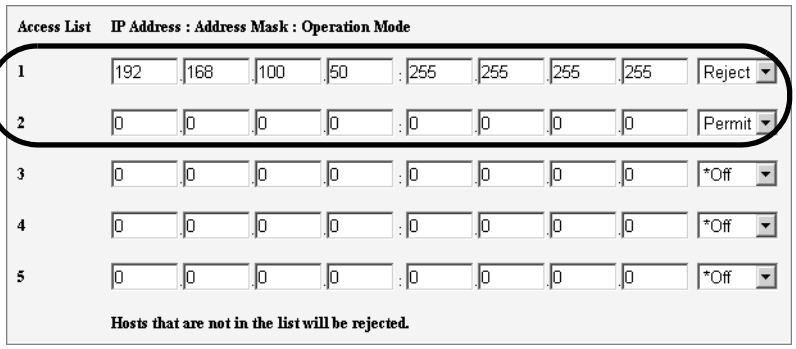
■ Examples of IP Filter Setting

You can set a maximum of five IP addresses/address masks, and the first pair will have a priority. If entering multiple addresses, enter the address that covers the smallest area first.

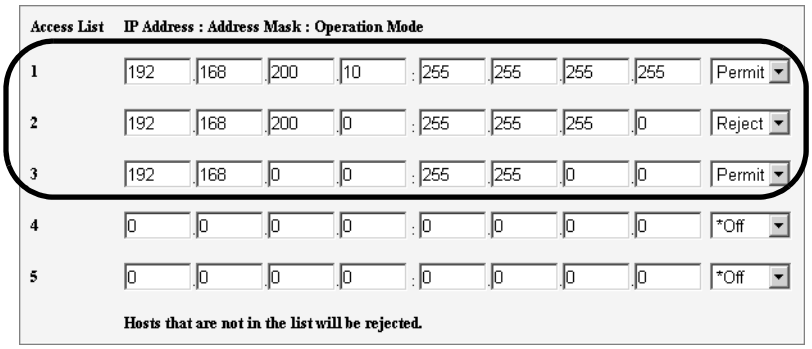
1. To permit printing from a specific user:
   Example:
   Permit printing from "192.168.100.10"


Access List
IP Address : Address Mask : Operation Mode
1 192 168 100 10 : 255 255 255 255 Permit
2 0 0 0 0 : 0 0 0 0 *Off
3 0 0 0 0 : 0 0 0 0 *Off
4 0 0 0 0 : 0 0 0 0 *Off
5 0 0 0 0 : 0 0 0 0 *Off
Hosts that are not in the list will be rejected.

2. To reject printing from a specific user:
   Example:
   Reject printing from "192.168.100.50"


Access List
IP Address : Address Mask : Operation Mode
1 192 168 100 50 : 255 255 255 255 Reject
2 0 0 0 0 : 0 0 0 0 Permit
3 0 0 0 0 : 0 0 0 0 *Off
4 0 0 0 0 : 0 0 0 0 *Off
5 0 0 0 0 : 0 0 0 0 *Off
Hosts that are not in the list will be rejected.

3. To permit printing from a specific network address, reject printing from a particular address within the network, but permit printing from a particular user within the rejected address:
   Example:
   (1) Permit printing from "192.168.200.10"
   (2) Reject printing from "192.168.200.xxx" excluding (1)
   (3) Permit printing from "192.168.xxx.xxx" excluding (2)


Access List
IP Address : Address Mask : Operation Mode
1 192 168 200 10 : 255 255 255 255 Permit
2 192 168 200 0 : 255 255 255 0 Reject
3 192 168 0 0 : 255 255 0 0 Permit
4 0 0 0 0 : 0 0 0 0 *Off
5 0 0 0 0 : 0 0 0 0 *Off
Hosts that are not in the list will be rejected.

IPsec Data Encryption

IPsec (Security Architecture for Internet Protocol) is a suite of protocols that provide authentication using IKE, and encryption of each IP packet in order to ensure tamper-proof and confidential communications.

This feature is not supported on the model available in China.

Enabling IPsec allows you to encrypt IP communications. This can prevent third parties from seeing and tampering data via communication path, even for applications that do not support encryption.

To Enable IPsec

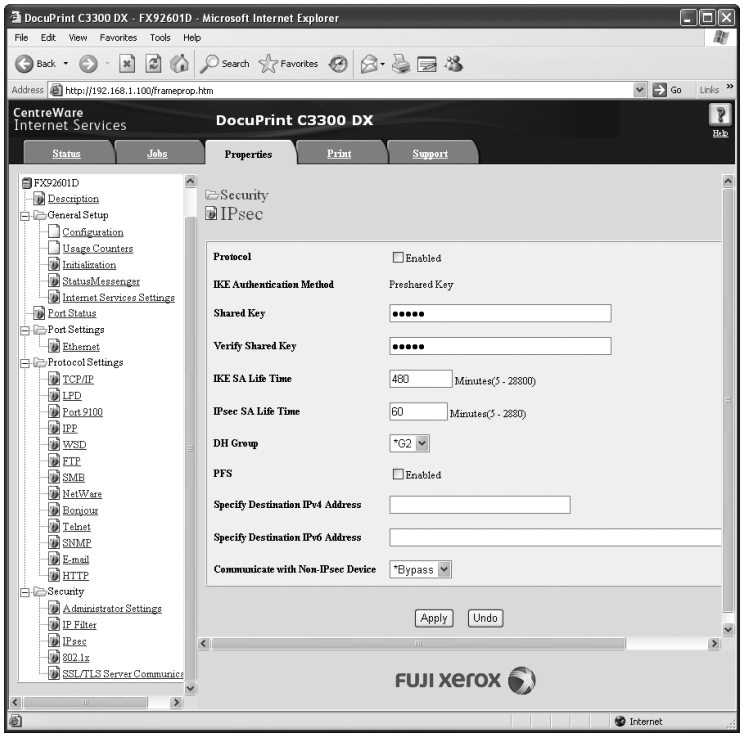
The following explains how to configure various settings required to enable IPsec on CentreWare Internet Services. For more information, refer to the online help provided for CentreWare Internet Services.

1. Launch your web browser and access CentreWare Internet Services.

Note
- For information on how to access CentreWare Internet Services, refer to "Configuring the Printer Using CentreWare Internet Services" (P. 28).

2. Click the [Properties] tab.

3. From the menu displayed on the left, click [IPsec] under [Security].
   The [IPsec] page is displayed.



4. For [Protocol], select the [Enabled] check box.

5. For [Shared Key], enter the shared key, and for [Verify Shared Key], re-enter the same shared key for verification.

6. For [IKE SA Life Time], specify the IKE SA lifetime.

7. For [IPSec SA Life Time], specify the IPSec SA lifetime.

8. For [DH Group], select a DH (Diffie-Hellman) group.

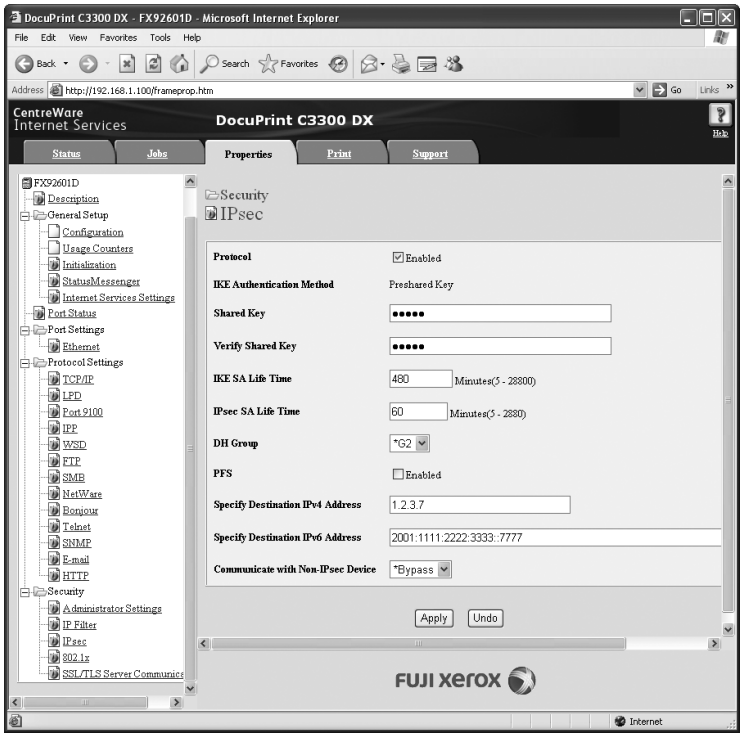
9. For [PFS], select whether or not to enable PFS (Perfect Forward Security).

10. For [Specify Destination IPv4 Address] or [Specify Destination IPv6 Address], enter an IPv4 address or IPv6 address of the client that perfoms IPsec communications.

11. For [Communicate with Non-IPsec Device], select [Bypass] to enable IP communications, or [Discard] to disable IP communications for clients other than the address you have specified in Step 10.

Important
- The settings you have configured in Steps 5 to 9 must be the same as those configured on the client that performs IPSec communications.

12. When you are finished with the setting, click the [Apply] button.



13. A window that prompts you to enter a user ID and password appears. Enter the administrator's user ID and password and click [OK].

Note
- The default user ID and password are "11111" and "x-admin", respectively.

14. Reboot the printer to enable IPsec communications on the printer.

15. Enable IPsec on the client of the address that you have specified in Step 10. IPsec data encryption takes effect between the printer and clients.

IEEE 802.1x Authentication

This feature is not supported on the model available in China.

Enabling IEEE 802.1x authentication allows you to connect your printer to a network secured by IEEE 802.1x authentication.

IEEE 802.1x authentication is a suite of protocols that provide authentication using EAP(Extended authentication protocol) and access control.

This feature allows you to prevent and detect of unauthorized access and spoofing.

To Enable IEEE 802.1x Authentication

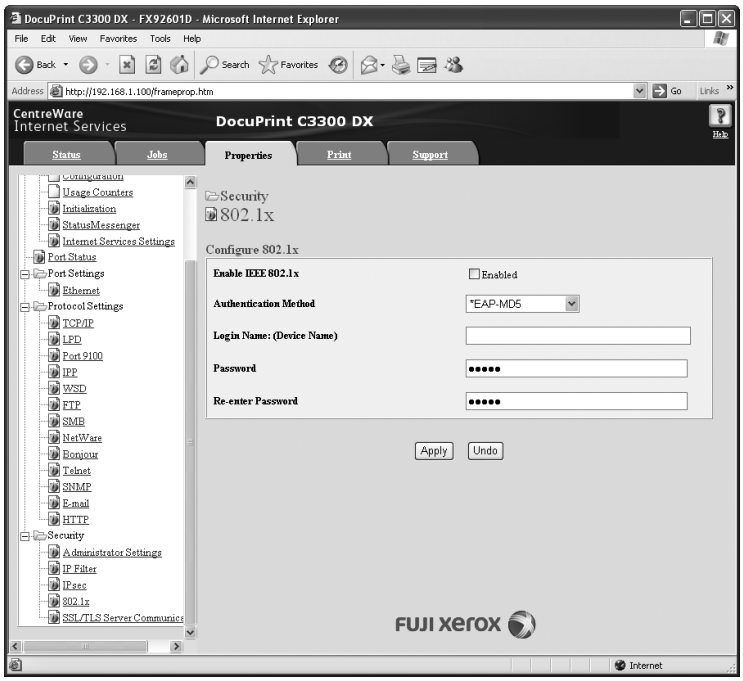
The following explains how to configure various settings required to enable IEEE 802.1x on CentreWare Internet Services. For more information, refer to the online help provided for CentreWare Internet Services.

1. Launch your web browser and access CentreWare Internet Services.

Note
- For information on how to access CentreWare Internet Services, refer to "Configuring the Printer Using CentreWare Internet Services" (P. 28).

2. Click the [Properties] tab.

3. From the menu displayed on the left, click [802.1x] under [Security].
   The [802.1x] page is displayed.



4. For [Enable IEEE 802.1x], select the [Enabled] check box.

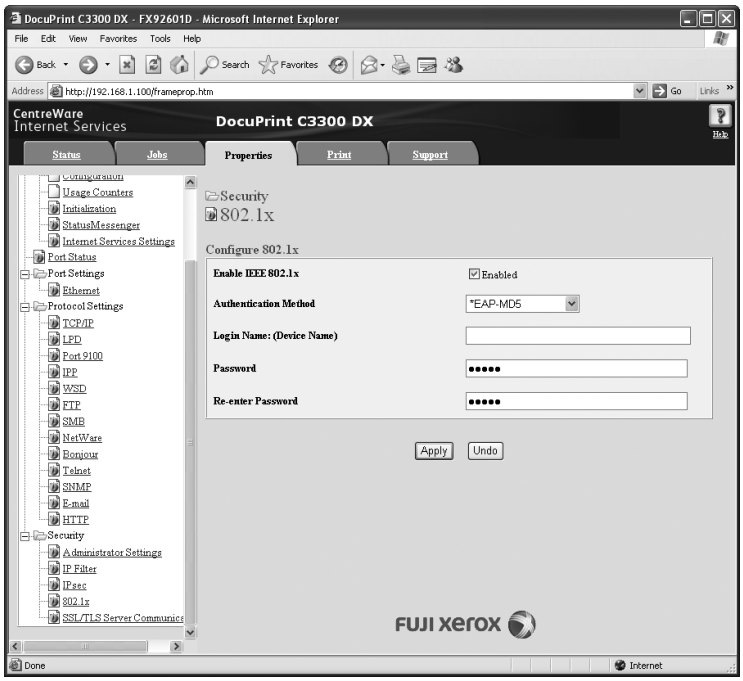
5. For [Authentication Method], select an Authentication Method.

6. For [Login Name:(Device Name)], enter the login name (device name).

7. For [Password], enter the password, and for [Re-enter Password], re-enter the same password for verification.

Important
- The settings you have configured in Steps 5 to 7 must be the same as those configured on the Authentication Server that performs IEEE 802.1x authentication.

8. When you are finished with the setting, click the [Apply] button.



9. A window that prompts you to enter a user ID and password appears. Enter the administrator's user ID and password and click [OK].

Note
- The default user ID and password are "11111" and "x-admin", respectively.

10. Reboot the printer to enable IEEE 802.1x authentication on the printer.

7.8 Authentication and Auditron Administration Features

The printer provides the Authentication and Auditron Administration features. The Authentication feature controls access to the printer's features. Whereas the Auditron Administration feature manages the use of each printer's feature.

This section briefly explains the overview of the Authentication and Auditron Administration features and the settings required for both features. The information in this section is intended for system administrators.

Overview of the Authentication and Auditron Administration Features

Enabling the Authentication and Auditron Administration features allows you to limit user access to the printer and manage and count the number of sheets printed by each user.

Restricted Features

The Authentication and Auditron Administration features control the use of the following features.

■ Printing from Computers

Depending on the type of your print job, the use of the following features are restricted.

Job Type	Restricted Features
Printing using a print driver	You must set the login information such as your user ID and password on your print driver. Only jobs with login information that matches the information registered on the printer can be printed. When you are only permitted to print certain number of pages, you are not allowed to print if the number has reached the maximum.
Printing without using a print driver (when the E-mail Print feature or ContentsBridge Utility)	You are allowed to print only when the [Non-account Print] setting on CentreWare Internet Services is set to [Enabled]. This setting is disabled by default.

Auditron Administration Feature

When the Authentication and Auditron Administration features are enabled, you can print the [Auditron Report] instead of the [Meter Report].

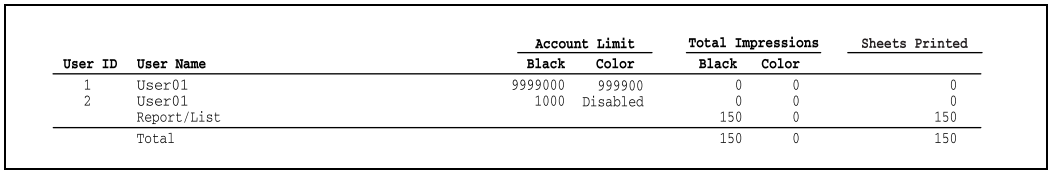
The [Auditron Report] lists the number of monochrome and color pages/sheets printed to date by each user.

Note

- The meter counts listed on this report are those from the time when the Authentication and Auditron Administration features were enabled.
  Disabling the Authentication and Auditron Administration features initializes the meter counts.
- If you perform 2-sided printing on this printer, "1 page" is counted as "1 sheet".
  For example, if printing 4 pages with 2-sided printing, the printed sheets are counted as "4 sheets".

Refer to

- For information on how to print the [Auditron Report], refer to "7.2 Printing the Reports/Lists" (P. 136).



		Account Limit		Total Impressions		Sheets Printed
User ID	User Name	Black	Color	Black	Color	
1	User01	9999000	999900	0	0	0
2	User01	1000	Disabled	0	0	0
	Report/List			150	0	150
	Total			150	0	150

Configuring the Authentication and Auditron Administration Features

Enabling User Authentication

To enable the Authentication feature, set [Print Auditron] to [Enabled] on CentreWare Internet Services.
Then, on CentreWare Internet Services, register the login information of users who are granted access to the printer. The printer accepts or denies access based on the user IDs and passwords registered on CentreWare Internet Services.

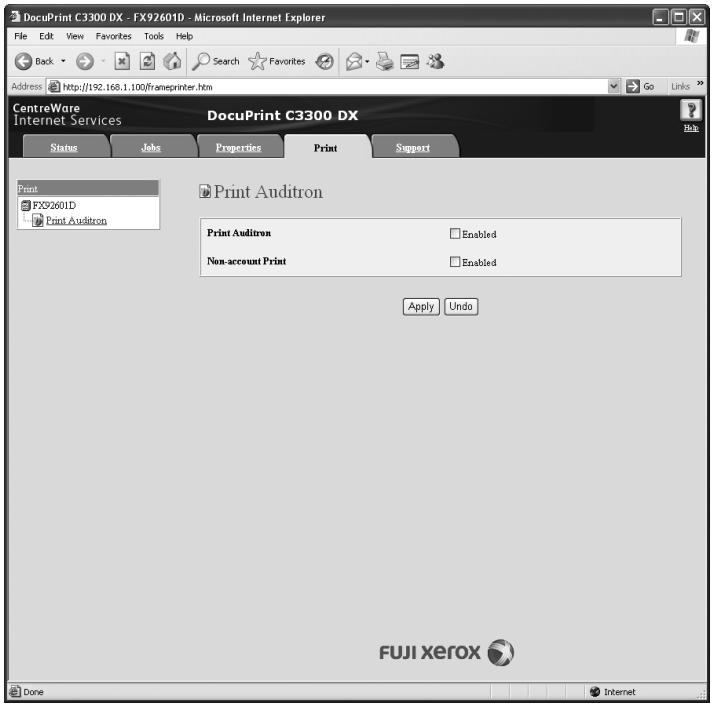
Registering Login Information on the Printer

The following briefly explains how to enable the Authentication feature on CentreWare Internet Services and register users who are permitted to use the printer. For details about each setting item, refer to the online help for CentreWare Internet Services.

1. Launch your web browser and access CentreWare Internet Services.

Note
- For information on how to access CentreWare Internet Services, refer to "Configuring the Printer Using CentreWare Internet Services" (P. 28).
- If you are prompted to enter the administrator's ID and password, enter the ID and password and click [OK].

2. Click the [Print] tab.
   The [Print Auditron] screen is displayed.



3. Select the [Enabled] check box under [Print Auditron].

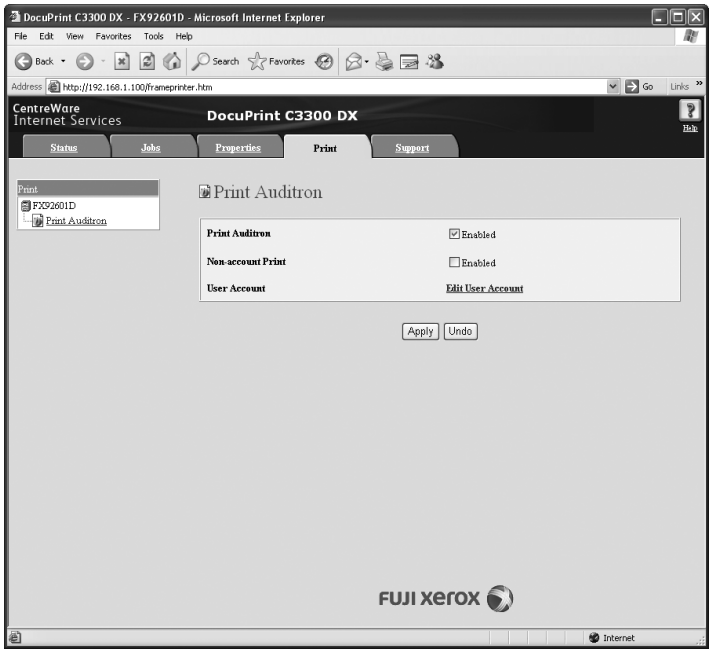
4. When you want to permit printing without using a print driver, select the [Enabled] check box under [Non-account Print].

5. Click the [Apply] button.

6. A window that prompts you to reboot the printer appears. On the window, click [Reboot Machine].

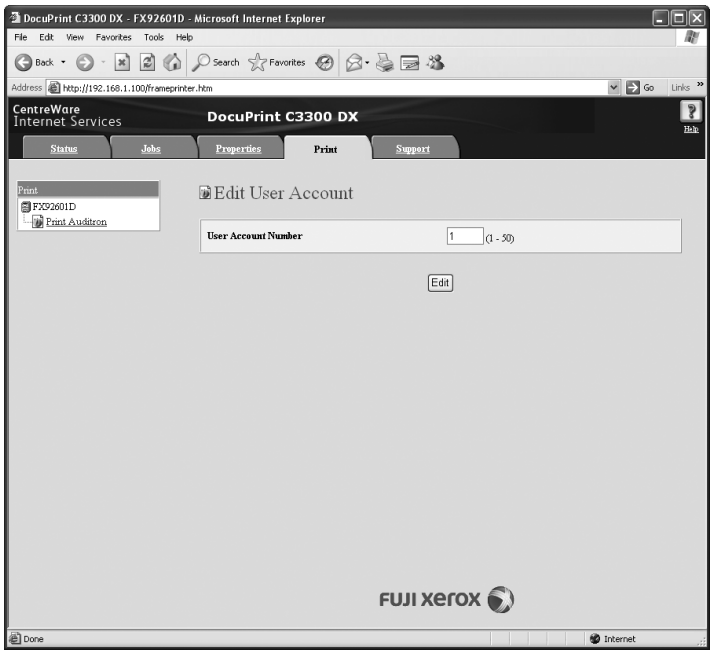
7. When the printer is rebooted, refresh the web browser.

8. Verify that [User Account] is displayed on the [Print Auditron] page.

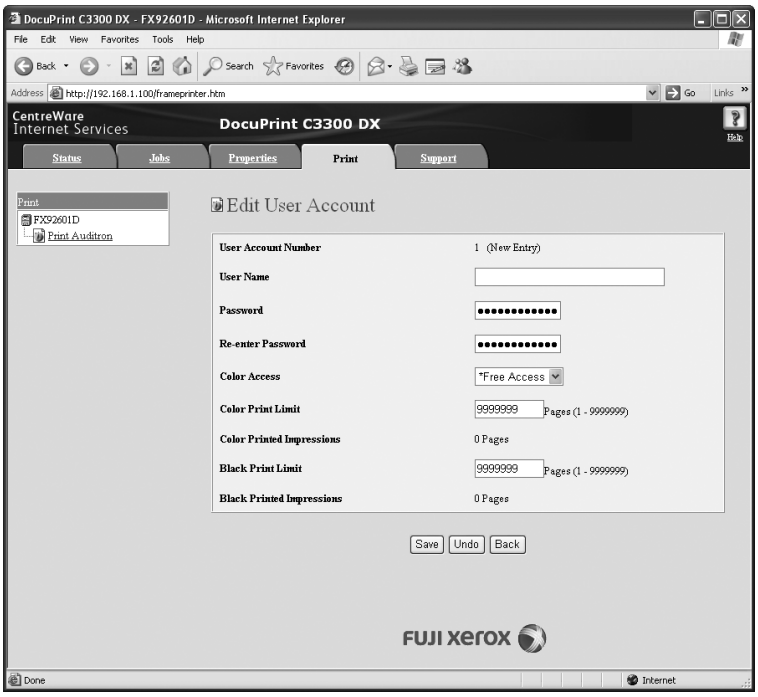


9. Click [Edit User Account].

10. On the [Edit User Account] page, enter [User Account Number] and click the [Edit] button.



11. On the displayed page, enter each field and click the [Save] button.



Note

- The user ID and password set on this page will be used also on your print driver.

12. If registering more than one user, click the [Back] button and repeat Steps 10 and 11.

Registering the Login Information on the Print Driver (Computer)

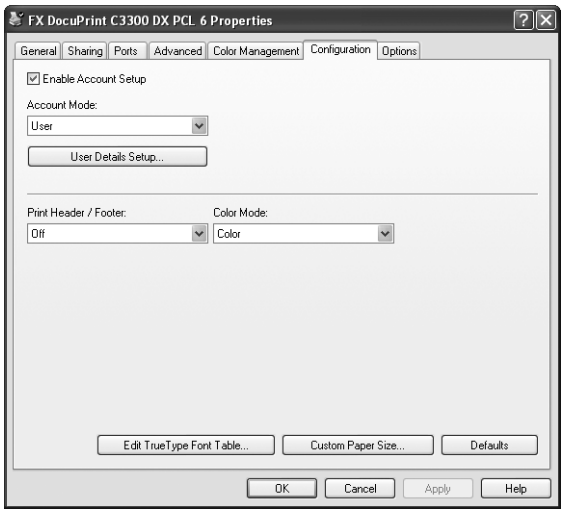
Configure the following settings under the properties dialog box on your print driver. The printer will not print unless the user ID and password entered on your print driver match those registered on the printer. The following procedure explains how to set the login information on your print driver.

The procedure uses Windows XP as an example.

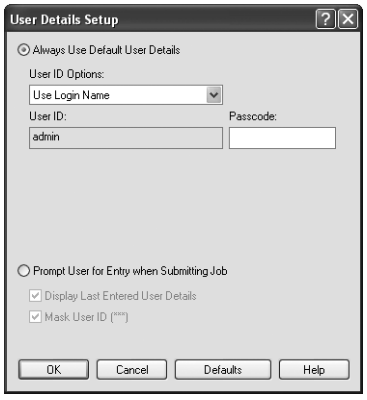
Note

- For information on each setting item on your print driver, refer to the online help provided for the print driver.

1. From the Windows [Start] menu, select [Printers and Faxes].
2. Select to highlight the printer and then select [Properties] from the [File] menu.
3. On the [Configuration] tab, click [User Details Setup] to display the [User Details Setup] dialog box.



4. Set each item, and then click [OK] to close the dialog box.



5. Click [OK] to close the Properties dialog box.

7.9 Adjusting the Color Registration

When you first install the printer, or if you move it to another location, adjust the color registration.

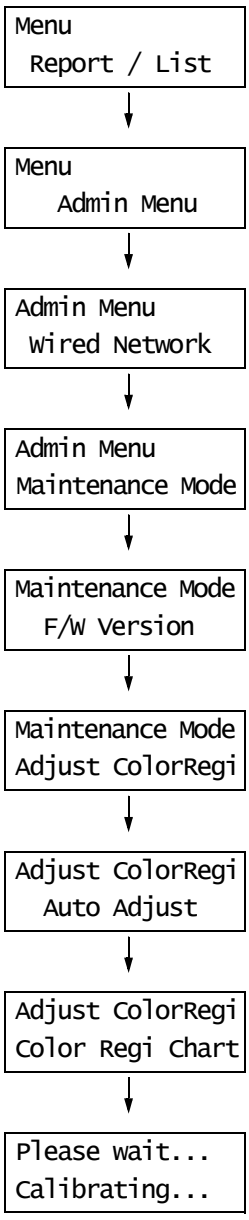
Also, if colors are not aligned correctly when printed, print the Color Registration Chart and adjust the color registration.

Printing the Color Registration Chart

Use the following procedure to print the Color Registration Chart.

The Color Registration Chart can be printed from the paper tray on A4 size paper.

1. Press the <Menu> button on the control panel to display the menu screen.
2. Press the <▼> button until [Admin Menu] is displayed.
3. Press the <►> or <Eject/Set> button to accept the selection.
   [Wired Network] is displayed.
4. Press the <▼> button until [Maintenance Mode] is displayed.
5. Press the <►> or <Eject/Set> button to accept the selection.
   [F/W Version] is displayed.
6. Press the <▼> button until [Adjust ColorRegi] is displayed.
7. Press the <►> or <Eject/Set> button to accept the selection.
   [Auto Adjust] is displayed.
8. Press the <▼> button until [Color Regi Chart] is displayed.
9. Press the <Eject/Set> button to confirm your selection.
   The page shown on the right is displayed and the Color Registration Chart is printed.
10. Press the <Menu> button to return to the print screen.



Determining the Adjustment Values

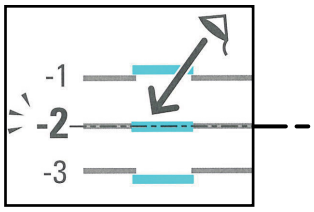
The Color Registration Chart is used to adjust the color registration.

The following explains how to determine the adjustment values.

On the Color Registration Chart, find the straightest line where the two black lines and the colored line are most closely aligned for each color (Y, M, and C). If you find the straightest line, make a note of the value (-9 to +9) indicated by the straightest line for each color.

When the value is "0" for each color, you do not need to adjust the color registration.

When the value is not "0", enter the value using the procedure in "Entering the Adjustment Values" (P. 163).



Entering the Adjustment Values

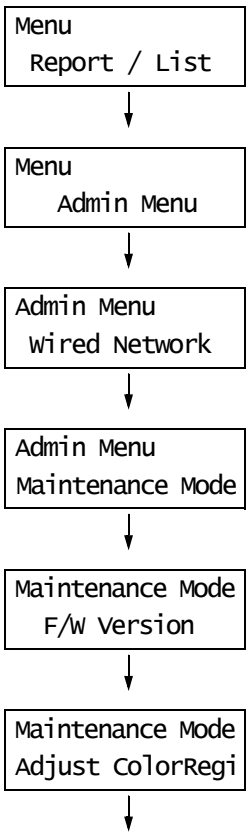
Set the adjustment values that you have identified in the Color Registration Chart using the control panel.

The values can be entered within the range of -9 to 9 in increments of 1.

Note

- By default, the adjustment values of all colors are set to "0".

1. Press the <Menu> button on the control panel to display the menu screen.
2. Press the <▼> button until [Admin Menu] is displayed.
3. Press the <▶> or <Eject/Set> button to accept the selection.
   [Wired Network] is displayed.
4. Press the <▼> button until [Maintenance Mode] is displayed.
5. Press the <▶> or <Eject/Set> button to accept the selection.
   [F/W Version] is displayed.
6. Press the <▼> button until [Adjust ColorRegi] is displayed.



7. Press the <▶> or <Eject/Set> button to accept the selection.
   [Auto Adjust] is displayed.

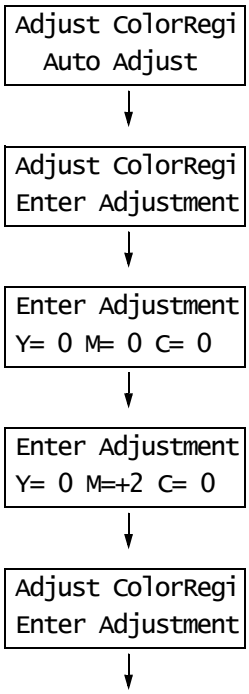
8. Press the <▼> button until [Enter Adjustment] is displayed.

9. Press the <▶> or <Eject/Set> button to accept the selection.
   A screen that allows you to enter the adjustment values is displayed.

10. Enter the values using the <▲> and <▼> buttons. Use the <▶> button to move the cursor.
    (Example: M=+2)

11. After entering the values, press the <Eject/Set> button to confirm your entry.
    The display returns to the screen shown on the right.

12. When you are finished with the settings, press the <Menu> button to return to the print screen.



After changing the adjustment values, reprint the Color Registration Chart using the procedure in "Printing the Color Registration Chart" (P. 162).

If the value is not "0" for each color, perform the color registration again.

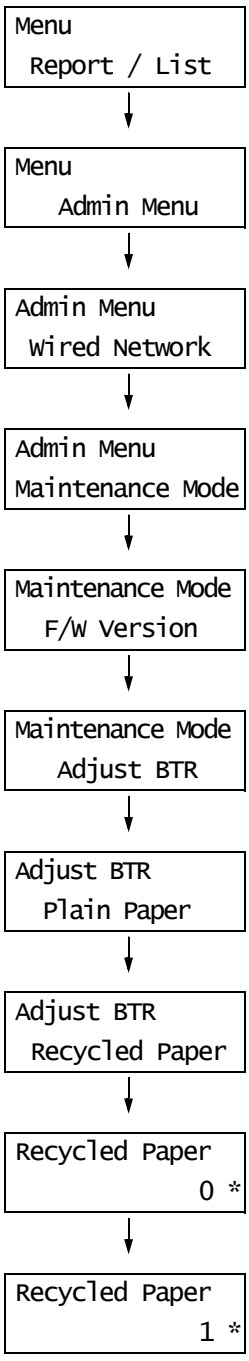
7.10 Adjusting the Image Transfer Voltage

When you have unsatisfactory printing results, such as having white spots on the printed image, having extra toner spilt on the printout, or a bluish printout, adjust the image transfer voltage to solve these printing problems.

The image transfer voltage can be adjusted for each paper type within the range of -3 to 3 in increments of 1. The default is "0".

Use the following procedure to adjust the image transfer voltage.

1. Press the <Menu> button on the control panel to display the menu screen.
2. Press the <▼> button until [Admin Menu] is displayed.
3. Press the <►> or <Eject/Set> button to accept the selection.
   [Wired Network] is displayed.
4. Press the <▼> button until [Maintenance Mode] is displayed.
5. Press the <►> or <Eject/Set> button to accept the selection.
   [F/W Version] is displayed.
6. Press the <▼> button until [Adjust BTR] is displayed.
7. Press the <►> or <Eject/Set> button to accept the selection.
   [Plain Paper] is displayed.
8. Press the <▼> button until the paper type you want to set is displayed.
   (Example: Recycled Paper)
9. Press the <►> or <Eject/Set> button to accept the selection.
   A screen that allows you to enter the value is displayed.
10. Press the <▲> or <▼> button to set the value, then press the <Eject/Set> button.
    (Example: 1)
11. Press the <Menu> button to return to the print screen.



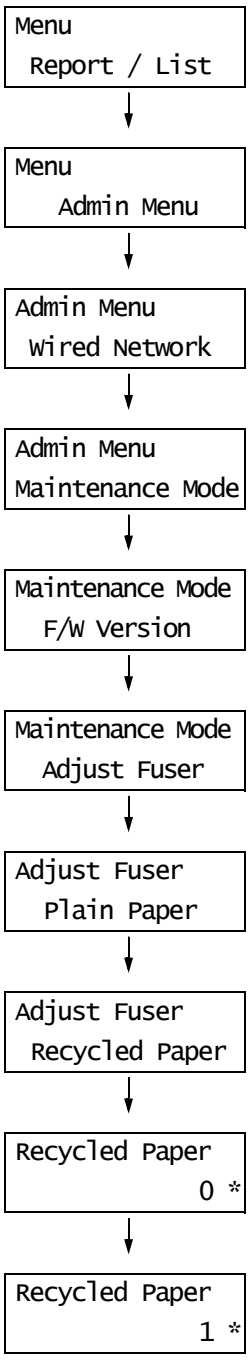
7.11 Adjusting the Fuser Temperature

When you have unsatisfactory printing results, such as printed images or texts coming off or double printing with appropriate margins, adjust the fuser temperature to solve these printing problems.

The fuser temperature can be adjusted for each paper type within the range of -2 to 2 in increments of 1. The default is "0".

Use the following procedure to adjust the fuser temperature.

1. Press the <Menu> button on the control panel to display the menu screen.
2. Press the <▼> button until [Admin Menu] is displayed.
3. Press the <►> or <Eject/Set> button to accept the selection.
   [Wired Network] is displayed.
4. Press the <▼> button until [Maintenance Mode] is displayed.
5. Press the <►> or <Eject/Set> button to accept the selection.
   [F/W Version] is displayed.
6. Press the <▼> button until [Adjust Fuser] is displayed.
7. Press the <►> or <Eject/Set> button to accept the selection.
   [Plain Paper] is displayed.
8. Press the <▼> button until the paper type you want to set is displayed.
   (Example: Recycled Paper)
9. Press the <►> or <Eject/Set> button to accept the selection.
   A screen that allows you to enter the value is displayed.
10. Press the <▲> or <▼> button to set the value, then press the <Eject/Set> button.
    (Example: 1)
11. Press the <Menu> button to return to the print screen.

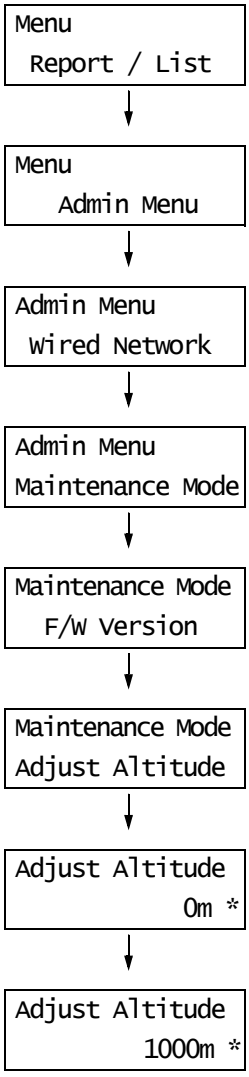


7.12 Adjusting the Altitude

When installing the printer in a high-altitude location or a location with low air pressure, adjust the altitude setting. The altitude can be set to 0 m, 1000 m, 2000 m, or 3000 m. Select the value that is closest to the altitude of the printer. The default is 0 m.

Use the following procedure to adjust the altitude.

1. Press the <Menu> button on the control panel to display the menu screen.
2. Press the <▼> button until [Admin Menu] is displayed.
3. Press the <►> or <Eject/Set> button to accept the selection.
   [Wired Network] is displayed.
4. Press the <▼> button until [Maintenance Mode] is displayed.
5. Press the <►> or <Eject/Set> button to accept the selection.
   [F/W Version] is displayed.
6. Press the <▼> button until [Adjust Altitude] is displayed.
7. Press the <►> or <Eject/Set> button to accept the selection.
   [0m] is displayed.
8. Press the <▲> or <▼> button to set the value, then press the <Eject/Set> button. (Example: 1000 m)
9. Press the <Menu> button to return to the print screen.



7.13 Cleaning the Printer

This section explains how to clean the printer to keep it in good condition and to ensure optimum print quality.

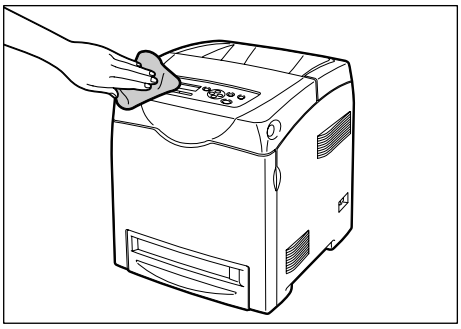
⚠ WARNING
- When cleaning this product, use the designated cleaning materials exclusive to it. Other cleaning materials may result in poor performance of the product. Never use aerosol cleaners, or it may catch fire and cause explosion.

⚠ CAUTION
- When cleaning this product, always switch off and unplug it. Access to a live machine interior may cause electric shock.

Cleaning the Exterior

Clean the exterior of the printer monthly or more often if needed. To clean the exterior surfaces, wipe them with a soft, firmly wrung cloth moistened with water. Then, wipe off any excess water with a soft dry cloth. If dirt or smudges do not come off easily, gently wipe them off with a soft, firmly wrung cloth moistened with a small amount of neutral cleaner.

Important
- Do not spray cleaning agents directly on the printer. The fluid may seep through the cracks and cause problems. Do not use cleaning agents other than neutral cleaners.



Cleaning the Interior

After clearing paper jams or replacing print cartridges, inspect the inside of the printer before closing the printer covers.

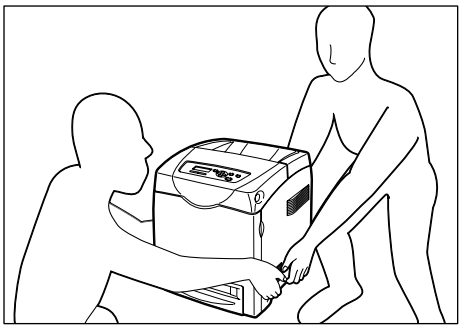
Important
- Never touch a labeled area found on or near the heat roller. You can get burnt. If a sheet of paper is wrapped around the heat roller, do not try to remove it by yourself to avoid injuries or burns. Doing so can cause injuries or burns. Switch off the machine immediately, and contact our Customer Support Center or your dealers.

- Remove any remaining pieces of paper.
- Remove any dust or stains with a dry clean cloth.

7.14 Moving the Printer

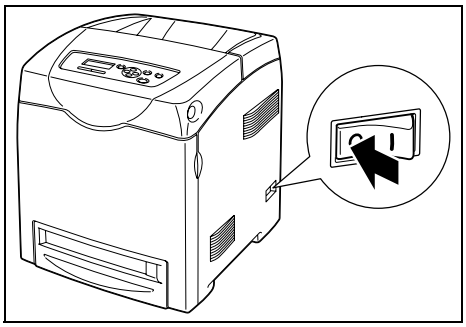
Carry out the following procedure when moving the printer.

Important
- This product weighs 27.4 Kg (DocuPrint C3300 DX)/24.4 Kg (DocuPrint C2200). When moving it, always carry it by a team of two or more persons to avoid mishandling or injury.
- When lifting this product, firmly grip the recessed areas provided on both sides of the machine. Never lift it by gripping any other areas. It will prevent you from dropping the product and getting back ache or injuries.



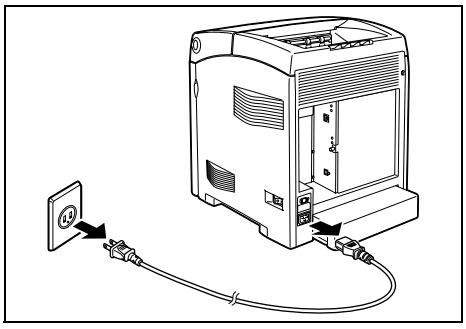
- If the 550 sheet feeder (optional) has been installed, uninstall it before moving the printer. If these are not fixed securely to the printer, they may fall to the ground and cause injuries. For details on how to uninstall the optional accessories, refer to the each manual that is bundled with each accessory.
- The front side of this printer is heavier than the rear. Take note of this difference in weight when moving the printer.

1. Press the power switch for the printer to the < O > position to switch off the power.

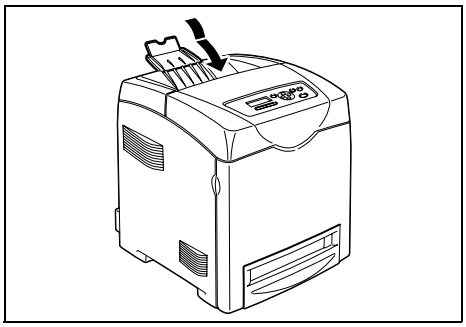


2. Disconnect the power cord, interface cable, and any other cables.

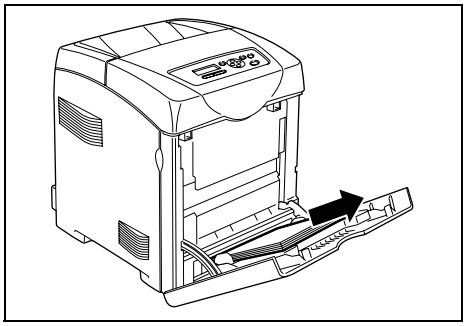
Important
- Never touch the power cord with wet hands. It may cause electric shock.
- Hold the plug not the cord when unplugging this product, or it may damage the cord and cause electric shock or a fire accident.



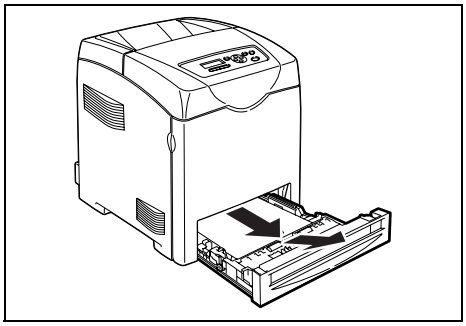
3. Remove any paper in the output tray and return the paper stopper to its original position, if it is extended.



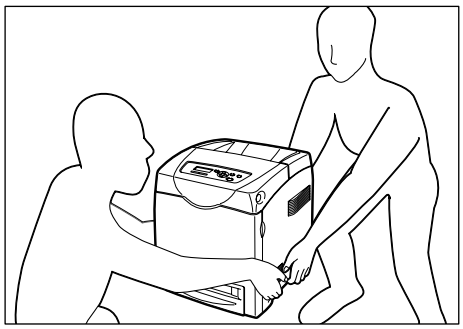
4. Remove any paper in the bypass tray. Keep the paper wrapped and away from humidity and dirt.



5. Pull out the paper tray from the printer and remove any paper in the tray. Keep the paper wrapped and away from humidity and dirt.



6. Lift the printer and move it gently. If the printer is to be moved over a long distance, pack it inside a box.



7. After transporting the printer, adjust the color registration before using it.

Refer to

- For information on how to adjust the color registration, refer to "7.9 Adjusting the Color Registration" (P. 162).

A Appendix

A.1 DocuPrint C3300 DX/C2200 Main Specifications

DocuPrint C3300 DX/C2200 Product Specifications

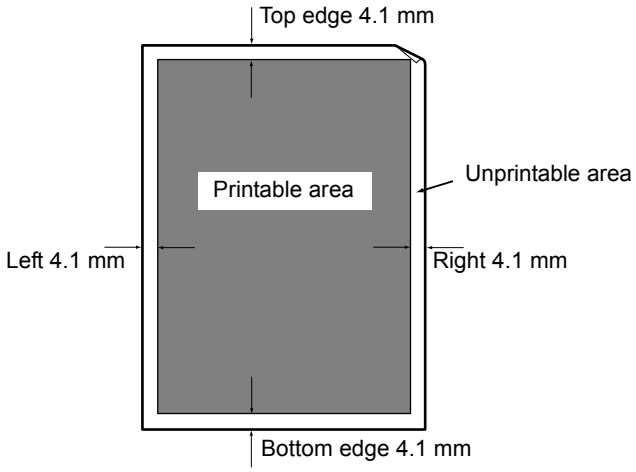
Item	Description
Product code	• DocuPrint C3300 DX Taiwan : TL300494 Asia Pacific/Korea : TL300495 China : TL300496 • DocuPrint C2200 Taiwan : TL300491 Asia Pacific/Korea : TL300492 China : TL300493
Machine type	Desktop
Printing system	Laser xerography **Important** * Semiconductor laser + Dry-type electrophotographic method
Fusion method	Quick thermal fusing system
Warm-up time	30 seconds or less (when power is switched on, temperature: 22 °C)
Continuous print speed[*1]	• DocuPrint C3300 DX 1 sided print: 30.0 sheets/min[*2], 2 sided print: 20.0 pages/min[*3] • DocuPrint C2200 1 sided print: 25.0 sheets/min[*2], 2 sided print: 17.0 pages/min[*3] **Important** [*1] The print speed may decrease due to paper type such as transparency or envelope; size, and printing conditions. The print speed may decrease due to image quality adjustment. [*2] Continuous print speed of documents that are all in A4. [*3] Continuous print speed of documents in A4.
First print output time[*1]	• DocuPrint C3300 DX 16 sec.[*2] • DocuPrint C2200 17 sec.[*2] (when loading A4 portrait in the tray 1) **Important** [*1] The time from when the printer receives a print job until the first page is delivered in the output tray. [*2] The values are measured based on the test pattern of Fuji Xerox.

Item	Description
Resolution	Data processing resolution: 600 × 600 dpi (multivalued) Output resolution: • DocuPrint C3300 DX 600 × 600 dpi/1200 × 1200 dpi • DocuPrint C2200 600 × 600 dpi (dpi = 25.4 dots/mm)
Gradation/Color representation	256 gradations for each color (16.7 million color)
Paper size	Bypass tray: A4, B5, A5, Legal (8.5 × 14"), Folio (8.5 × 13"), Letter (8.5 × 11"), Executive (7.25 × 10.5"), envelopes (Monarch, Com 10, DL, C5) Custom (width 76.2 to 220.0 mm, length 98.0 to 355.6 mm)
	Paper tray: A4, B5, A5, Legal (8.5 × 14"), Folio (8.5 × 13"), Letter (8.5 × 11"), Executive (7.25 × 10.5") Custom (width 148.0 to 215.9 mm, length 210.0 to 355.6 mm)
	Duplex printing: A4, B5, A5, Legal (8.5 × 14"), Folio (8.5 × 13"), Letter (8.5 × 11"), Executive (7.25 × 10.5") Custom (width 148.0 to 215.9 mm, length 210 to 355.6 mm)
	Imageless width: Top/bottom/both edges 4.1 mm
Paper type	Bypass tray: Plain paper (60 - 80 g/m^2), bond paper (81 - 105 g/m^2), heavyweight paper 1 (106 - 163 g/m^2), heavyweight paper 2 (164 - 216 g/m^2), coated paper 1 (95 -105 g/m^2), coated paper 2 (106 - 163 g/m^2), coated paper 3 (164 -216 g/m^2), transparencies (for monochrome printing), labels, envelope, Recycled
	Paper tray: Plain paper (60 - 80 g/m^2), bond paper (81 - 105 g/m^2), heavyweight paper 1 (106 - 163 g/m^2), heavyweight paper 2 (164 - 216 g/m^2), coated paper 1 (95 -105 g/m^2), coated paper 2 (106 - 163 g/m^2), coated paper 3 (164 -216 g/m^2), labels, Recycled
	Duplex printing: Plain paper (60 - 80 g/m^2), bond paper (81 - 105 g/m^2), heavyweight paper 1 (106 - 163 g/m^2), coated paper 1 (95 -105 g/m^2), coated paper 2 (106 -163 g/m^2), Recycled
	Important * Use recommended paper. Printing cannot be done normally depending on paper types. Do not use paper made exclusively for ink jet printers. Postcards made from recycled paper cannot be used. Printing on paper which has been printed on previously may cause degradation of quality. * For details about recommended paper, contact our Customer Support Center or your dealers.

Item	Description
Paper supply (FX P paper)	DocuPrint C3300 DX • Standard: Bypass tray: 150 sheets Paper tray: 550 sheets • Optional: 550 sheet feeder: 550 sheets A maximum of 1250 sheets can be loaded when the Paper tray, Bypass tray and the optional paper tray are used. DocuPrint C2200 • Standard: Bypass tray: 150 sheets Paper tray: 250 sheets • Optional: 550 sheet feeder: 550 sheets A maximum of 950 sheets can be loaded when the Paper tray, Bypass tray and the optional paper tray are used.
Output tray capacity (FX P paper)	Standard: About 250 sheets (face down)
CPU	MIPS 24Kf/400MHz
Memory capacity	Standard: 256 MB, 1 memory slot (1 empty slot) Optional: 256/512/1024 MB additional memory (maximum 1280 MB) **Important** * Printing quality may not be guaranteed depending on the types and contents of the print data even if the amount of memory described above is installed.
Hard disk	Optional: 40GB
Font	PCL fonts: Agfa 81 typefaces True Type fonts: 14 typefaces MM fonts: 2 typefaces PostScript European: 136 typefaces
Page description language	Standard: PCL6, PCL5e, HBPL (for scanner), FX-PDF, XPS, Adobe®PostScript®3™
Supported OS *1	Windows® 2000, Windows® XP, Windows Server™ 2003, Windows Vista™, Windows Server® 2008 Mac OS X 10.3 - 10.5 **Important** *1 Refer to the our web site for information about the latest supported OS.
Interface	Standard: USB2.0 (Hi-Speed) Ethernet 100Base-TX/10Base-T
Supported protocol	LPD, Port9100, IPP, SNMP, HTTP, HTTPS, DHCP, BOOTP, RARP, AutoIP, WINS, FTP, SMB, DDNS, SMTP, NetWare, Bonjour (mDNS), IPSec* * [IPsec] is not supported by the model available in China.
Power source	AC 110 - 127 V±10%, 8 A, 50/60±3 Hz or AC 220 - 240 V±10%, 4 A, 50/60±3 Hz **Important** * Recommended AC outlet capacity. Maximum power current of the machine is 11.0 A (110 V model) or 5.0 A (220 - 240 V model).

Item	Description
Operating noise	Printing: • DocuPrint C3300 DX 7.0 B or less 7.4 B or less (Full option) • DocuPrint C2200 6.9 B or less 7.4 B or less (Full option) StandBy: 4.0 B or less **Important** * Measured according to ISO7779 and declared according to ISO9296. Unit B: Sound power level (LwAd)
Power consumption	Maximum: 900 W Average: Standby 95 W (fuser on), Continuous color printing: 420 W, Continuous monochrome printing: 420 W Low Power Mode: 18 W or less Sleep Mode: 7 W or less (110 V) 9 W or less (220-240 V) (This printer does not use electric power when the power is turned off even if the printer is connected to an AC outlet.)
Dimensions	DocuPrint C3300 DX 400 (W) × 507 (D) × 504 (H) mm (With A4 Paper Cassette) DocuPrint C2200 400 (W) × 507 (D) × 473 (H) mm (With A4 Paper Cassette)
Weight	Printer (Including the print cartridges): DocuPrint C3300 DX 27.4kg DocuPrint C2200 24.4kg 550 sheet feeder (optional): 7.9 kg Duplex Unit (optional for the DocuPrint C2200): 1.0 kg
Usage environment	Operating environment: Temperature: 10 - 32 °C Humidity: 15 - 85% (excluding printer failure due to dew condensation) Storage environment: Temperature: -20 - 40 °C Humidity: 5 - 95% (excluding printer failure due to dew condensation) **Important** * Print quality may deteriorate depending on the quality of paper to be used until the temperature and humidity levels where the printer has been stored, and the interior of the printer adapt to a new environment where the printer is installed.

Printable Area



A.2 Optional Accessories

The following table lists the main accessories available for the printer. To purchase them, contact the dealer where you purchased the printer.

Product name	Product code	DocuPrint C3300 DX	DocuPrint C2200	Reference
512 MB memory	EL300633	O	O	The additional memory may be necessary when you print color documents that have a large amount of data, such as complicated graphics. For information about the features and situations that require additional memory, refer to "A.5 Installing Additional Memory" (P. 180).
550 sheet feeder	EL300629	O	O	Paper tray that can be loaded up to 550 sheets of standard paper. Load directly beneath the printer as tray 2.
Duplex unit	EL300630	-	O	This is required when printing on both sides of the paper.
Hard disk	EL300730	O	O	The hard disk may be necessary when you download fonts and forms. This also allows you to use SecurePrint/Sample Print feature.

- The product names and codes are as of September 2008.
- The product names and codes are subject to change.
- For the latest information about the optional accessories, contact our Customer Support Center or your dealers.

Consumables

This section explains how to handle the types of consumables. For details on the replacement procedure of the consumables, refer to the procedure listed in the packaging box of the consumables and "7.1 Replacing Consumables" (P. 125).

Important

- If you are not using the consumables recommended by our company, the performance of the machine may not be at its optimum level. Use the consumables recommended for this product.

Types of Consumables

Types of consumables		Product code	Form
Print Cartridge 6K [Black]		CT350670	1 unit per box
Print Cartridge 4K [Cyan]		CT350671	1 unit per box
Print Cartridge 4K [Magenta]		CT350672	1 unit per box
Print Cartridge 4K [Yellow]		CT350673	1 unit per box
Print Cartridge 9K [Black]		CT350674	1 unit per box
Print Cartridge 9K [Cyan]		CT350675	1 unit per box
Print Cartridge 9K [Magenta]		CT350676	1 unit per box
Print Cartridge 9K [Yellow]		CT350677	1 unit per box
Fuser Unit (Includes three feed rollers in the standard tray and three feed rollers in the optional tray)	110V	EL300728	1 unit per box
	220V	EL300729	1 unit per box
Belt Unit		EL300727	1 unit per box

Handling Consumables

- Do not store the consumables with the packaging box standing on end.
- Before using the consumables/maintenance products, do not open the packaging and avoid storing them in the following locations:
  - Locations with high temperature and humidity
  - Locations near open flame
  - Locations with direct exposure to sunlight
  - Dusty locations
- Read the handling instructions on the packaging box or container carefully before using the consumables.
- It is recommended to keep some spares of the consumables.
- Check the product codes of the consumables first before contacting our Customer Support Center or your dealers to order.

A.3 Life of Consumables

Consumables

Product name	Lifespan
Print Cartridge 6K [Black]	About 6,000 pages
Print Cartridge 4K [Cyan] [Magenta] [Yellow]	About 4,000 pages
Print Cartridge 9K [Black]	About 9,000 pages
Print Cartridge 9K [Cyan] [Magenta] [Yellow]	About 9,000 pages
Fuser unit	About 100,000 pages
Feed Roller	About 100,000 pages
Belt Unit	About 100,000 pages

Important
- The possible number of pages that can be printed with each print cartridge is the number of pages printed continuously at a print ratio of 5% using A4 size paper. The replacement cycle varies according to the conditions of use.

Note
- The number of sheets listed under lifespan is the number of pages that can be printed continuously using A4 size paper.
- As the lifespan differs according to factors such as the print contents, paper size, paper type, environment used, and the frequency of switching on/off the power to the printer, think of it as a guideline.
- A warning message appears on the printer when the time for replacing a consumable part draws near. The printer can still be used for a short time after the message is displayed, but you should purchase a replacement for the consumable part as soon as possible. The warning message appears when the following values are reached for each part.
  - Print Cartridge: Reaches 75% of the number of pages that can be printed (in the product life)
  - Fuser Unit, Belt Unit: Reaches 98% of the number of pages that can be printed (in the product life)

Product Life

The life of the printer is as follows:

- When the printed pages reach 100,000 pages, or when the age of the printer reaches five years, whichever is the sooner.

Important
- The page yield is based on A4 size paper (plain paper) when continuously printing single-sided documents. The actual page yield, however, is dependent on the printing conditions, such as paper size and usage environment, and printer initialization on powering on/off, and may differ from the reference value.

A.4 Obtaining the Product Information

Obtaining the Latest Print Driver

The latest print driver can be obtained by downloading it from our web site.

Note
- The communication fee shall be borne by users.

1. In your print driver's properties dialog box, click [Advanced Settings] tab and then [About].

2. Click [Fuji Xerox Web Site].
   Your web browser launches and our web site is displayed.

3. Follow the instructions on the web site and download an appropriate print driver.

Note
- You can browse our web site also on the CD-ROM of the Driver CD Kit included with the printer. To access the web site, click [Fuji Xerox Web Site] on the startup window of the CD-ROM.
- The URL of the driver download service page is as follows:
  http://www.fxprinters.com/
- For the latest information about the print driver features, refer to the online help provided for the print driver.

Updating the Printer's Firmware

Our web site also provides a tool that allows you to update the printer's firmware (software embedded within the printer) from your computer.

The latest firmware and updating tool can be downloaded from the following URL.

Follow the instructions on the web site and download an appropriate firmware.

http://www.fxprinters.com/

Note
- The communication fee shall be borne by users.

A.5 Installing Additional Memory

In case of the following situations, install the additional memory to the printer.

- When the [Out of Memory] message appears frequently on the control panel
- When using the Secure/Sample Print feature
- When using the electronic sort function

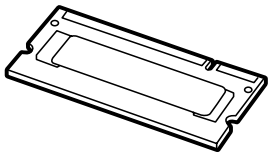
Additional memory may be required also when printing large data such as complex graphics.

Note
- For more information about the additional memory and how to order it, refer to "A.2 Optional Accessories" (P. 176).

Checking the Package Contents

The packaging box contains the following item. If you find any item missing, please contact our Customer Support Center or your dealers.

- Memory card



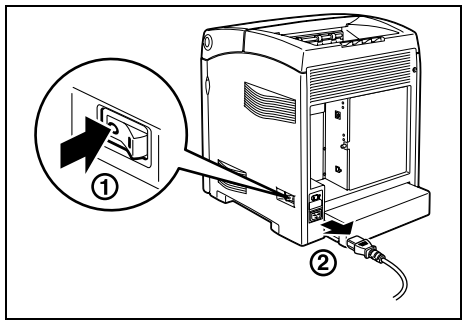
Installation Procedure

The following describes how to install the additional memory to the printer.

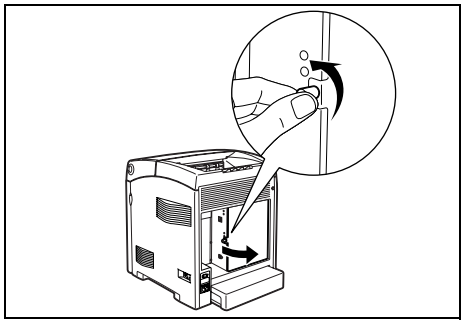
The printer has one slot for installing a memory card. If you want to add memory when the slot already has a memory card, replace the memory card with the one with larger capacity.

Important
- Before plugging or unplugging the interface cable connector, be sure to switch off the printer or unplug the power cord from the power outlet. Plugging or unplugging the connector when the printer is on can cause printer failure.

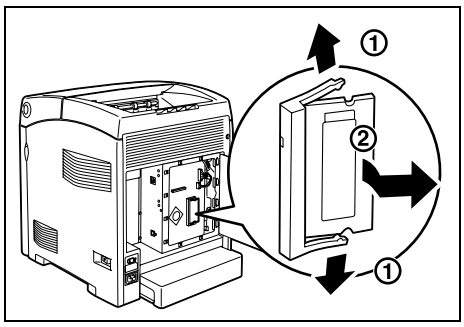
1. Switch the power off by pressing the power switch on the right side of the printer to the <O> position.
   Unplug the power cord from the power outlet and the printer.



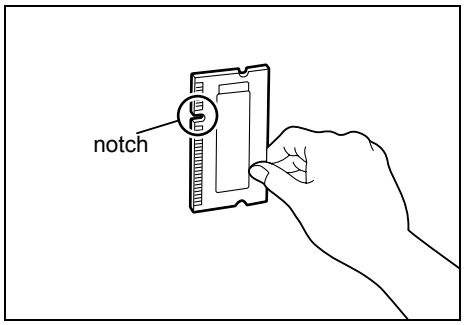
2. Loosen the screw on the control board cover of the printer, and open the cover.



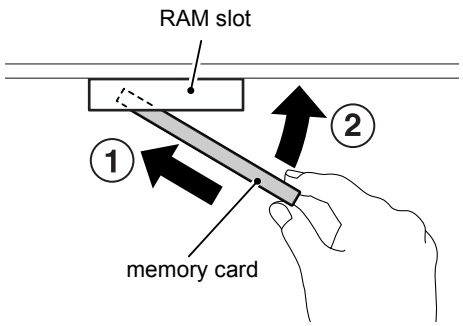
3. If another memory card is already installed, push the retaining clips on both ends in the outward direction. After the memory card pops up, pull it out at an angle.



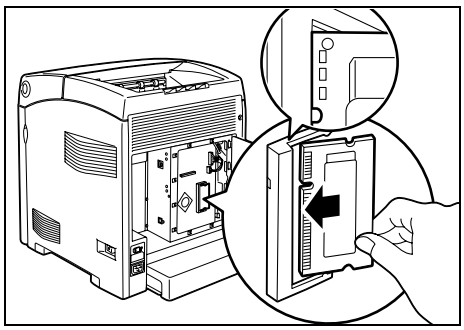
4. Hold the new memory card so that the notch on the card comes above the center of the card.



5. Use the following steps to install the memory card to the printer.



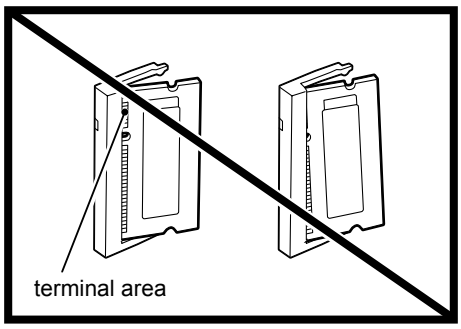
1) Align the notch on the new memory card with the projection on the RAM slot, and insert the memory card at an angle into the slot.



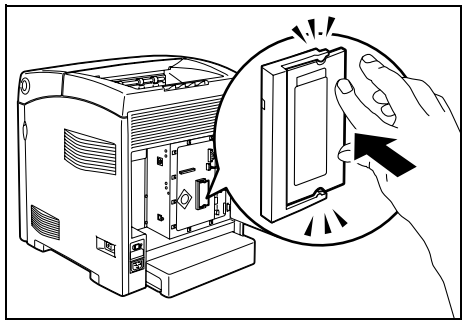
Important

- Make sure to insert the memory card securely until the terminal area cannot be seen.

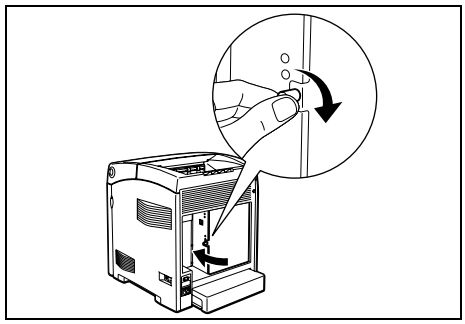
2) Check the following points to ensure that the memory card is inserted correctly.
   • The terminal area of the memory card cannot be seen.
   • The memory card is not inserted at an angle.



3) Push the new memory card by the part shown in the figure. When the card is installed correctly, it clicks into place.



6. Close the rear cover and tighten the screw loosened in Step 2.



7. Plug in the power cord and switch on the power by pressing the power switch to the <|> position.

The installation is now complete.

Note

• You can check whether the memory card is installed correctly by printing out the [Printer Settings] list. [Memory Capacity] under [General] shows the total memory capacity of the printer (which is the memory on the controller board (256 MB) plus the memory you just added). For information on how to print the [Printer Settings] list, refer to “Printing a Report/List” (P. 137).

Changing the Accessory Configuration on the Print Driver

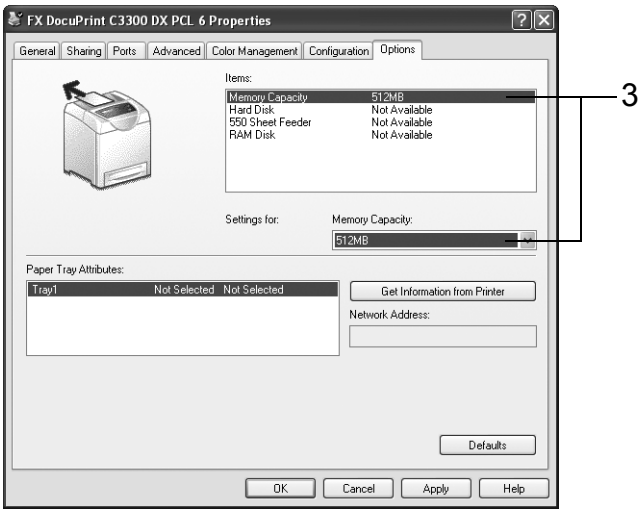
If you are finished installing the additional memory to the printer, change the accessory configuration. This can be done on the [Options] tab on your print driver.

The following procedure use the PCL print driver as an example.

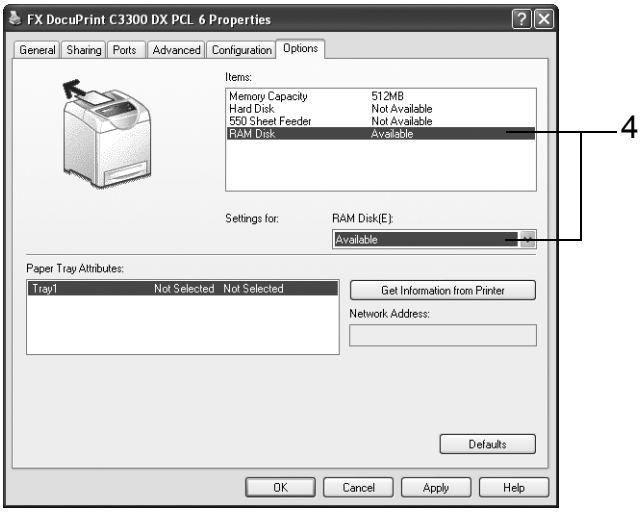
1. On the Windows [Start] menu, click [Printers and Faxes].
   Select to highlight the printer, and select [Properties] from the [File] menu.

2. The Properties dialog box appears. In the dialog box, click the [Options] tab.

3. Select [Memory Capacity] from [Items], and then select the total memory capacity of the printer from [Memory Capacity].



4. Select [RAM Disk] from [Items], and then select [Available] from [RAM Disk].



5. Click [OK] to close the Properties dialog box.

A.6 Notes and Restrictions

Notes and Restrictions on Using the Printer

This section lists the notes and restrictions that apply to the printer.

Optional Accessories

To use the Secure Print/Sample Print feature, install the hard disk or the additional memory (optional) to the printer.

Meter Counts for 2-Sided Print Pages

If you print a job 2-sided, depending on the application being used and the print quantity setting, the application may automatically insert a blank page into the job. In such case, the blank page is counted as 1 page.

A.7 Glossary

10BASE-T:

A 10 Mbps Ethernet network that uses a baseband signal and twisted-pair cable. It is one of the IEEE802.3 standards.

100BASE-TX:

An extended version of 10BASE-T known as FastEthernet. Its communication speed is 100 Mbps, which is much faster than 10 Mbps of 10BASE-T.

Address:

Information (identifier) that is assigned to identify each node (computer or terminal) on a network. A number that specifies a location in a computer's memory is also called "address".

Application software:

Computer software designed to perform a specific task. Software for various needs, such as word processing, spreadsheets, graphics, and databases, are available.

BOOTP:

An acronym for BOOTstrap Protocol. It is a protocol that allows a client on a TCP/IP network to automatically acquire network configuration information from a server.

Click:

A single action of pressing and releasing a mouse button. In this guide, "click" refers to pressing and releasing the left mouse button, whereas "right-click" refers to pressing and releasing the right mouse button.

"Double-click" refers to a quick double action of pressing and releasing a mouse button.

CD-ROM:

A compact disk (CD) containing a large amount of data, including computer software and images.

CMYK:

A color model that represents all colors as combinations of four process colors, which are cyan (C), magenta (M), yellow (Y), and black (K).

Collate:

An output programming where each copy set is delivered in the same order as the originals. If printing two copies of three-page original, the order of the output will be pages 1-2-3, 1-2-3.

Default:

A particular settings or value for a variable that is assigned to the printer before it was shipped from the factory. Any settings or values cancelled or changed by users will return to the defaults when the NV memory is initialized.

DHCP:

An acronym for Dynamic Host Configuration Protocol. It is a protocol that uses a server to automatically assign IP addresses to client computers.

DNS:

An acronym for Domain Name System. It is a name resolution service which converts host names to IP addresses.

dpi:

An acronym for dots per inch. It refers to the number of dots that can be printed in an inch (approximately 25.4 mm) and is a unit of measurement to indicate resolution.

Font:

A complete set of characters and symbols that have common characteristics such as style and typeface.

Full color:

A maximum number of colors that can be displayed on your computer screen, which is approximately 16.77 million colors.

Grams per Square Meter (g/m²):

A weight in grams of one square meter of paper.

HTTP:

A protocol used to communicate with a web browser over the Internet.

ICM:

An acronym for Image Color Matching and is color management software that runs on Windows. It calibrates a device to eliminate any color matching problems caused by the device, and matches the colors of the device with those of the printer.

Image Enhancement:

A feature that artificially increases resolution by smoothing out transitions between black and white and reducing jagged appearance.

Install:

To load software or hardware onto a computer or peripheral device to make it ready to use.

In this guide "to install" mainly refers to loading software on a computer.

Installer:

Software that installs software on a computer.

Interface:

The surface or point where two things (systems) meet or touch each other. It is commonly used to describe a boundary between a computer and a printer, or that between a user and a device.

The (electronic) specifications of an interface is sometimes just called "interface".

Interface cable:

A cable that is used to connect multiple devices together.

Interface cables include, USB cable, which connects a printer with a computer, and Ethernet cable, which connects a printer with a network.

IP address:

An address used by TCP/IP protocols to identify computers on a network.

IPP:

A protocol used when printing using HTTP.

Job:

A unit of work processed by computers. A print job is a unit of work run on a printer and consists of printing one file. Cancelling or executing printing is done by this unit.

Local printer:

In this guide, a "local printer" refers to a printer that is directly connected to a computer using a USB cable.

Log in/on:

To gain access to a resource on a computer system (such as hard disk or printer on a network). To end a session on a computer system refers to "to log out/off".

Multiple-up:

A feature that allows you to print multiple pages onto one sheet of paper.

NetWare:

A network operating system developed by Novell, Inc.

Network printer:

In this guide, "network printer" refers to the printer connected to a network using an Ethernet cable.

Online help:

A manual that can be viewed on your computer screen.

Operating System (OS):

Software that runs on a computer to control or manage the basic operation of its hardware and software. It provides an interface to the hardware for the application software.

PDF file:

In this guide, we call an online document created with Acrobat (software developed by Adobe Systems) a "PDF file". To view PDF files on your computer, you must install software called Adobe Acrobat Reader on your computer.

Port:

A connection point that allows exchange of information between a computer and its peripherals.

Port9100:

A network communication method that enables data transmission on Windows 2000, Windows XP, Windows Server 2003, Windows Vista, and Windows Server 2008.

On Windows 2000, Windows XP, Windows Server 2003, or Windows Server 2008, this can be used on the standard TCP/IP port monitor.

ppm:

A measurement that shows how many pages the printer is capable of printing in one minute.

Printable area:

The area on paper which can be printed.

Print driver:

Software that translates data created on an application into a format that the printer can read and print.

Protocol:

A set of rules for exchange of information between hardware or two computers via a network.

Resolution:

The quality of detail of an image represented by dots per square inch (dpi). The higher the dpi, the higher the resolution.

Server:

A computer in a network that stores data files accessed by other computers.

"Client" is a computer that demands service from a server.

SMB:

A network protocol used to enable file sharing over Windows Network (Microsoft Network) and that can be used on Windows NT 4.0, Windows 2000, Windows XP, Windows Server 2003, Windows Vista, and Windows Server 2008.

SNMP:

A protocol that manages networked devices via a network.

A device that manages the activities of networked devices runs on software called "SNMP manager". Whereas, a device that is being monitored runs on "SMNP agent".

Software:

Programs that run computers. Operating systems and application software are also the types of software.

TCP/IP:

A network protocol developed by DARPANET (Defense Advanced Research Project Agency NetWork). It is the standard protocol of the Internet and is supported by a variety of computer platforms, from personal computers to mainframes.

Uninstall:

To delete software installed on the computer.

USB:

An acronym for Universal Serial Bus. It is a data communication method used between a computer and its peripherals. It allows hot-plug, which is the capability of connecting or disconnecting peripherals without having to switch off the computer.

Web browser:

Software that is designed to view information from the Internet on computers. Mozilla Firefox and Internet Explorer are the two most popular web browsers.

WINS:

An acronym for Windows Internet Name Services. It is a name resolution service that converts a computer name to an IP address in a TCP/IP environment.

WWW:

An acronym for World Wide Web. It is a system that provides web sites on the Internet.

XPS file:

XML Paper Specification file. XPS is a format developed by Microsoft. XML files can be created with Windows Vista or Windows Server 2008 applications.

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Control Panel Menu Tree

Basic Control Panel Functions

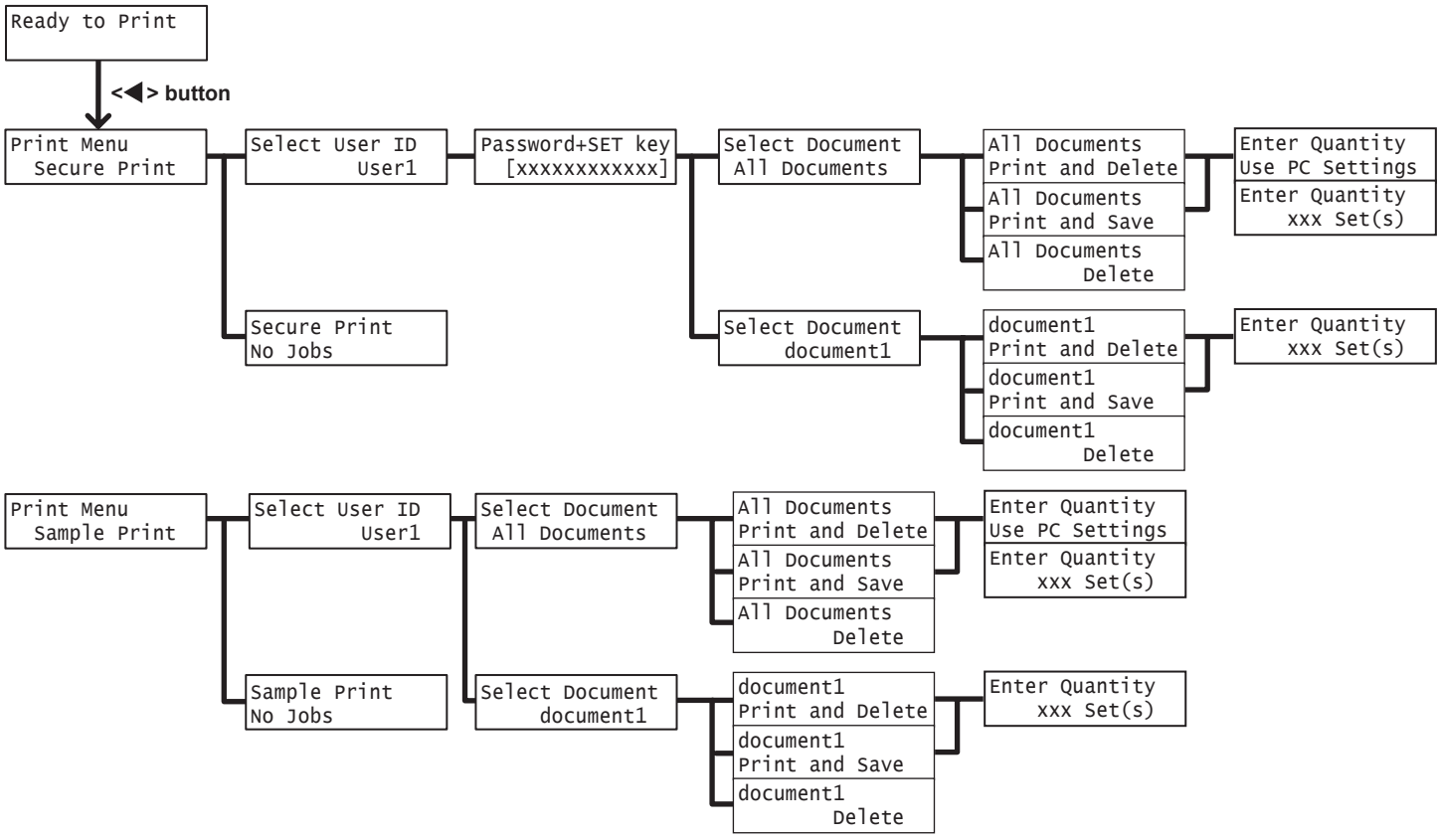
To move up and down the menus:	<▲> or <▼> button
To select a menu or move to the right:	<▶> or <**Eject/Set**> button
To cancel a selection or return to the left:	<◀> button
To confirm an entry:	<**Eject/Set**> button
To exit the menu screen:	<**Menu**> button

Character/Number Entry Functions

To increase or decrease a value:	<▲> or <▼> button
To move between digits or fields:	<▶> or <◀> button
To reset a value to the default:	<▲> and <▼> buttons

Print Menus

The print menus appear on the display only when the hard disk or the additional memory (optional) is installed.



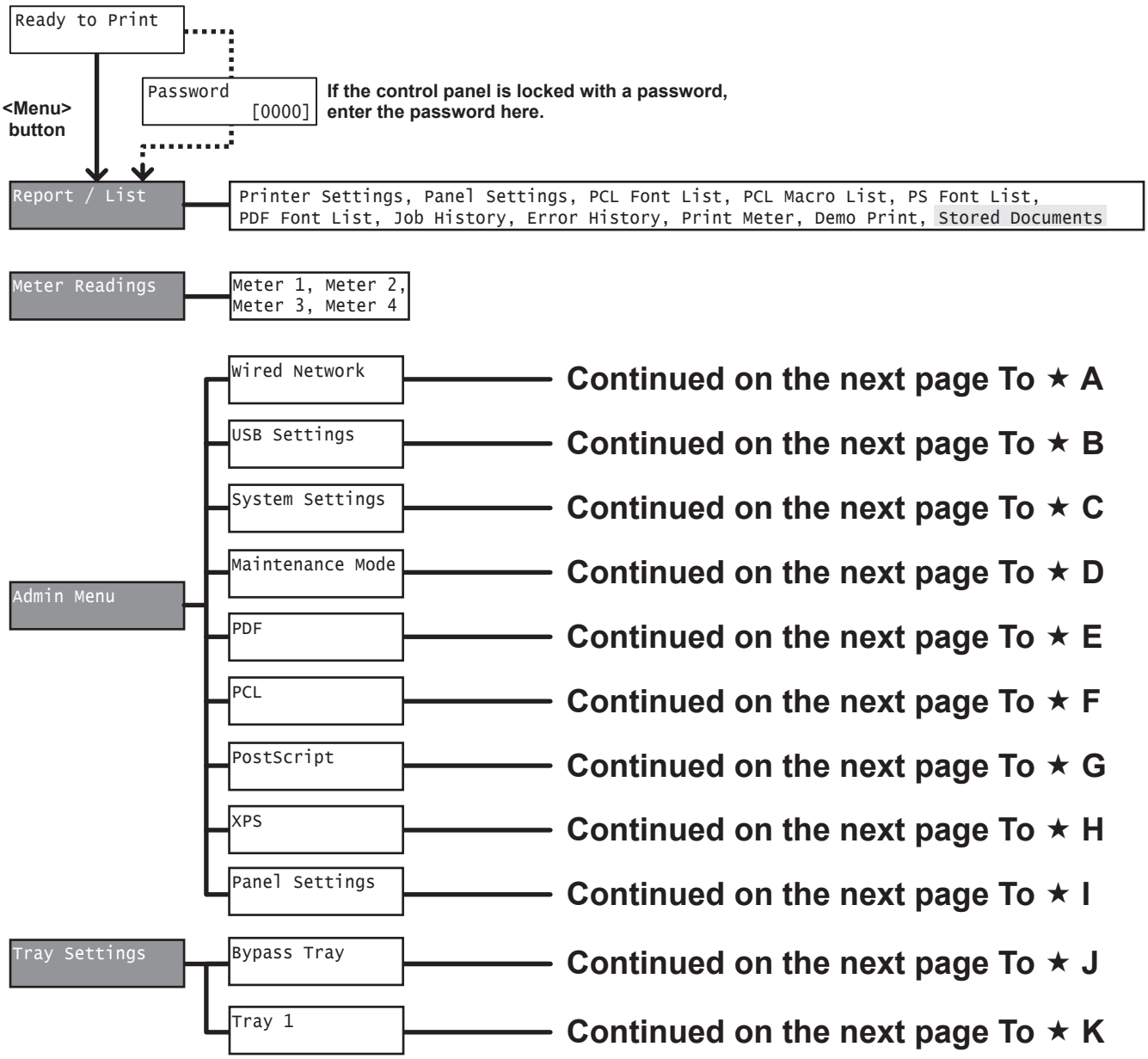
Conventions for the Administrator Menus

: Main menus

: Items that appear/do not appear depending on the options installed in the printer.

∗ : Default

Administrator Menus


Ready to Print
<Menu> button
Password [0000]
If the control panel is locked with a password, enter the password here.
Report / List
Printer Settings, Panel Settings, PCL Font List, PCL Macro List, PS Font List, PDF Font List, Job History, Error History, Print Meter, Demo Print, Stored Documents
Meter Readings
Meter 1, Meter 2, Meter 3, Meter 4
Admin Menu
Wired Network
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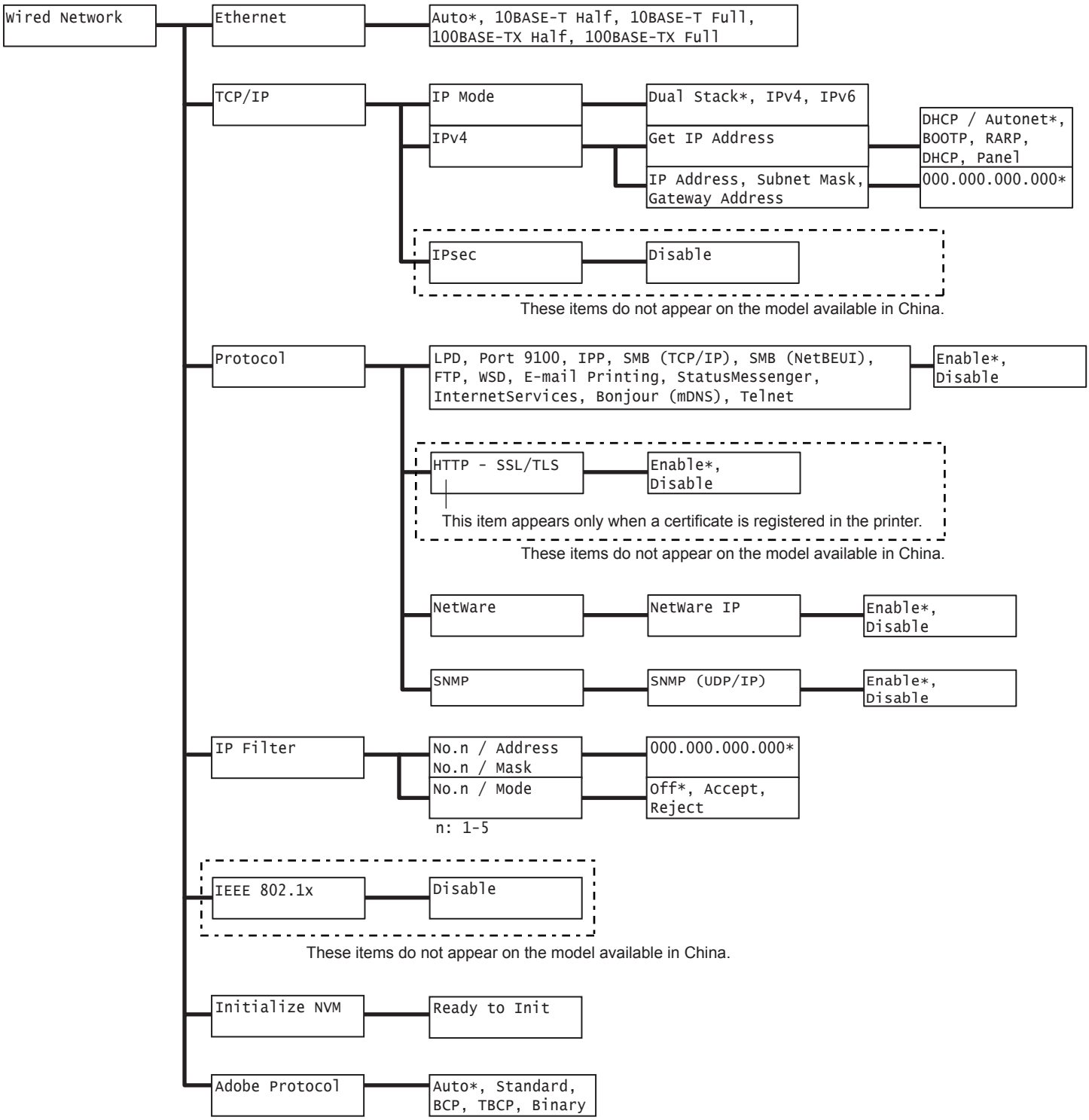
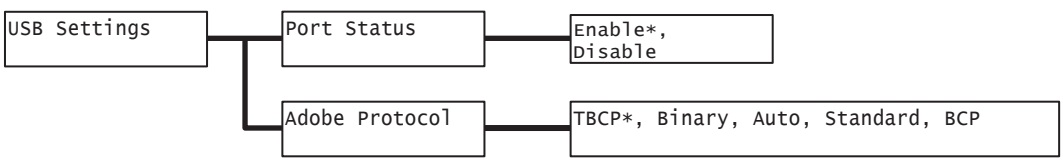
System Settings
Maintenance Mode
PDF
PCL
PostScript
XPS
Panel Settings
Tray Settings
Bypass Tray
Tray 1
Continued on the next page To ★ A
Continued on the next page To ★ B
Continued on the next page To ★ C
Continued on the next page To ★ D
Continued on the next page To ★ E
Continued on the next page To ★ F
Continued on the next page To ★ G
Continued on the next page To ★ H
Continued on the next page To ★ I
Continued on the next page To ★ J
Continued on the next page To ★ K

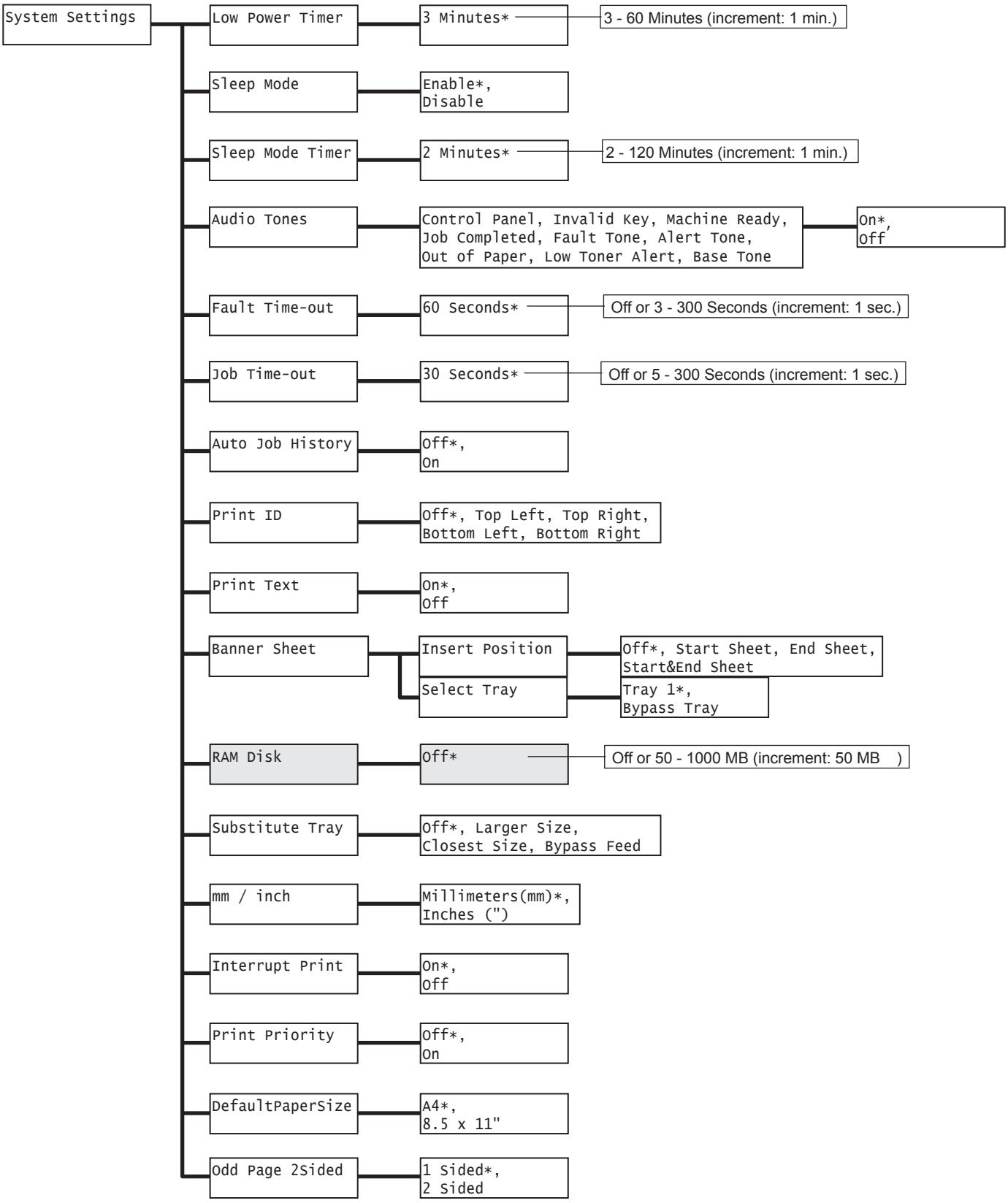
★A


Wired Network
Ethernet
Auto*, 10BASE-T Half, 10BASE-T Full, 100BASE-TX Half, 100BASE-TX Full
TCP/IP
IP Mode
Dual Stack*, IPv4, IPv6
IPv4
Get IP Address
DHCP / Autonet*, BOOTP, RARP, DHCP, Panel
IP Address, Subnet Mask, Gateway Address
000.000.000.000*
IPsec
Disable
These items do not appear on the model available in China.
Protocol
LPD, Port 9100, IPP, SMB (TCP/IP), SMB (NetBEUI), FTP, WSD, E-mail Printing, StatusMessenger, InternetServices, Bonjour (mDNS), Telnet
Enable*, Disable
HTTP - SSL/TLS
Enable*, Disable
This item appears only when a certificate is registered in the printer.
These items do not appear on the model available in China.
NetWare
NetWare IP
Enable*, Disable
SNMP
SNMP (UDP/IP)
Enable*, Disable
IP Filter
No.n / Address
No.n / Mask
000.000.000.000*
No.n / Mode
Off*, Accept, Reject
n: 1-5
IEEE 802.1x
Disable
These items do not appear on the model available in China.
Initialize NVM
Ready to Init
Adobe Protocol
Auto*, Standard, BCP, TBCP, Binary

★B


USB Settings
Port Status
Enable*, Disable
Adobe Protocol
TBCP*, Binary, Auto, Standard, BCP

★C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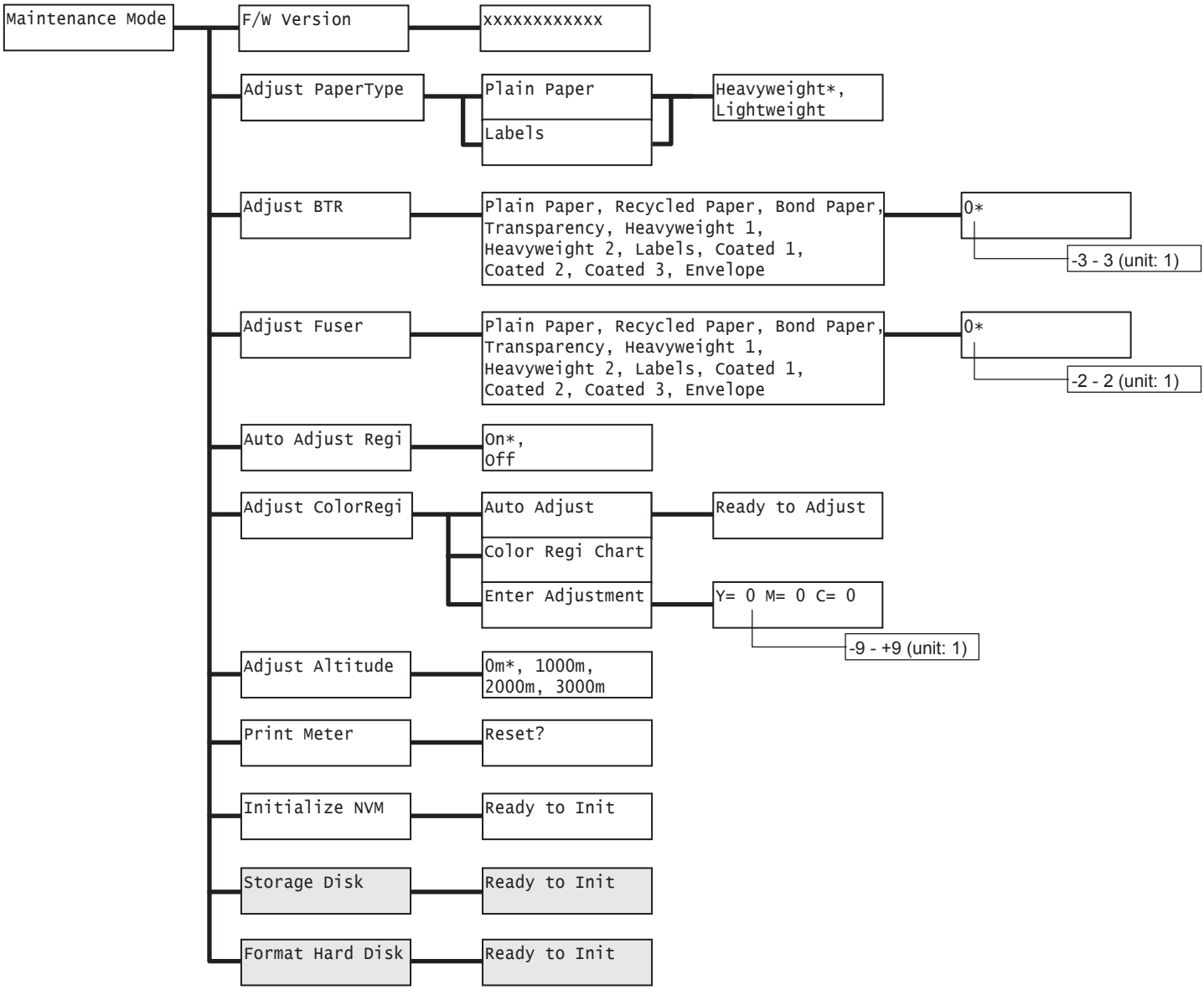
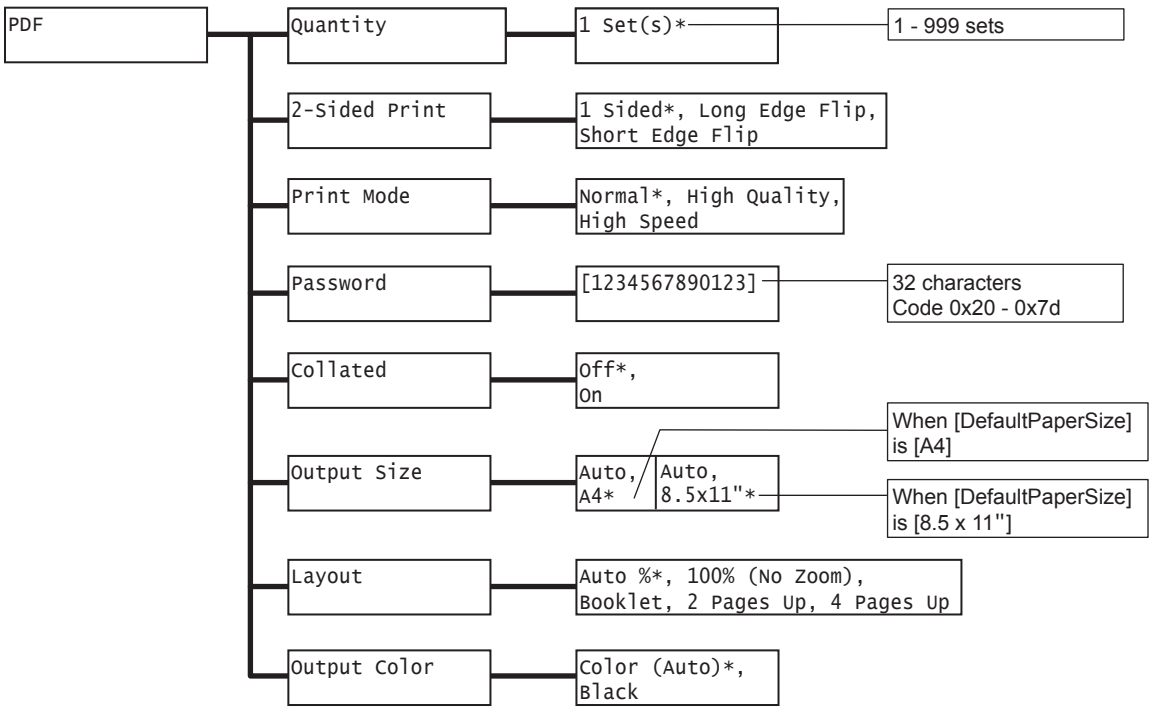
Low Power Timer
3 Minutes*
3 - 60 Minutes (increment: 1 min.)
Sleep Mode
Enable*,
Disable
Sleep Mode Timer
2 Minutes*
2 - 120 Minutes (increment: 1 min.)
Audio Tones
Control Panel, Invalid Key, Machine Ready,
Job Completed, Fault Tone, Alert Tone,
Out of Paper, Low Toner Alert, Base Tone
On*,
Off
Fault Time-out
60 Seconds*
Off or 3 - 300 Seconds (increment: 1 sec.)
Job Time-out
30 Seconds*
Off or 5 - 300 Seconds (increment: 1 sec.)
Auto Job History
Off*,
On
Print ID
Off*, Top Left, Top Right,
Bottom Left, Bottom Right
Print Text
On*,
Off
Banner Sheet
Insert Position
Off*, Start Sheet, End Sheet,
Start&End Sheet
Select Tray
Tray 1*,
Bypass Tray
RAM Disk
Off*
Off or 50 - 1000 MB (increment: 50 MB)
Substitute Tray
Off*, Larger Size,
Closest Size, Bypass Feed
mm / inch
Millimeters(mm)*,
Inches (")
Interrupt Print
On*,
Off
Print Priority
Off*,
On
DefaultPaperSize
A4*,
8.5 x 11"
Odd Page 2Sided
1 Sided*,
2 Sided

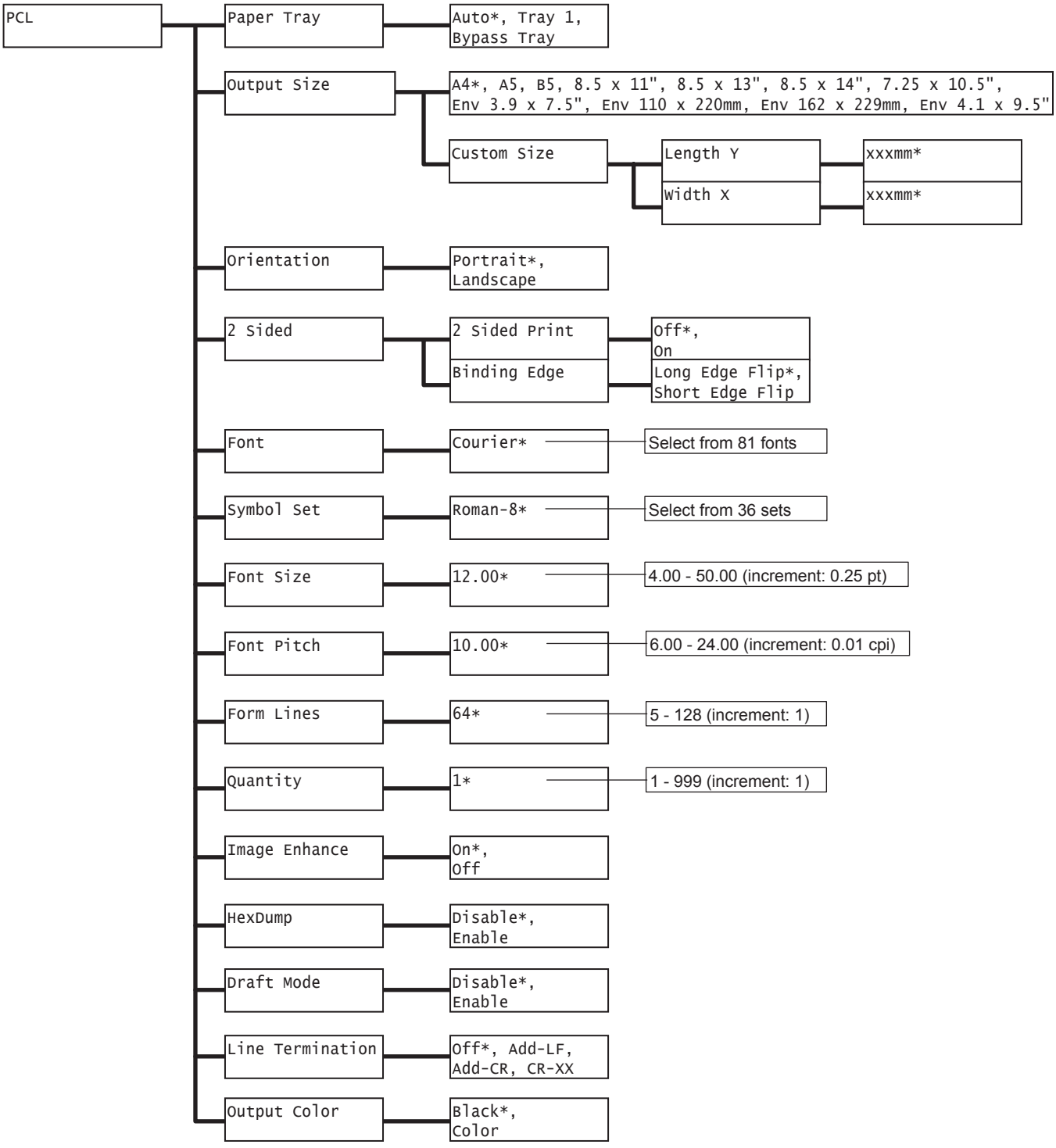
★D


Maintenance Mode
F/W Version
xxxxxxxxxxxx
Adjust PaperType
Plain Paper
Labels
Heavyweight*, Lightweight
Adjust BTR
Plain Paper, Recycled Paper, Bond Paper, Transparency, Heavyweight 1, Heavyweight 2, Labels, Coated 1, Coated 2, Coated 3, Envelope
0*
-3 - 3 (unit: 1)
Adjust Fuser
Plain Paper, Recycled Paper, Bond Paper, Transparency, Heavyweight 1, Heavyweight 2, Labels, Coated 1, Coated 2, Coated 3, Envelope
0*
-2 - 2 (unit: 1)
Auto Adjust Regi
On*, Off
Adjust ColorRegi
Auto Adjust
Ready to Adjust
Color Regi Chart
Enter Adjustment
Y= 0 M= 0 C= 0
-9 - +9 (unit: 1)
Adjust Altitude
0m*, 1000m, 2000m, 3000m
Print Meter
Reset?
Initialize NVM
Ready to Init
Storage Disk
Ready to Init
Format Hard Disk
Ready to Init

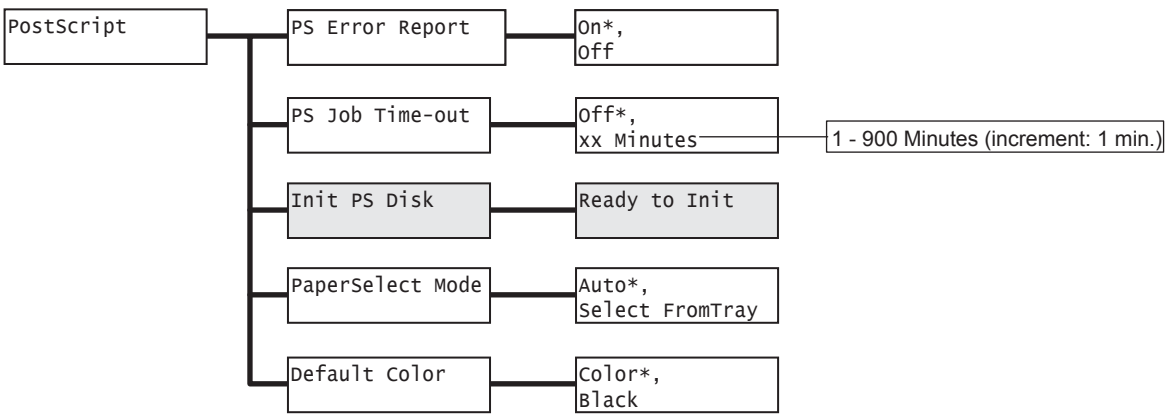
★E


PDF
Quantity
1 Set(s)*
1 - 999 sets
2-Sided Print
1 Sided*, Long Edge Flip, Short Edge Flip
Print Mode
Normal*, High Quality, High Speed
Password
[1234567890123]
32 characters
Code 0x20 - 0x7d
Collated
Off*, On
Output Size
Auto, A4*
Auto, 8.5x11"*
When [DefaultPaperSize] is [A4]
When [DefaultPaperSize] is [8.5 x 11"]
Layout
Auto %*, 100% (No Zoom), Booklet, 2 Pages Up, 4 Pages Up
Output Color
Color (Auto)*, Black

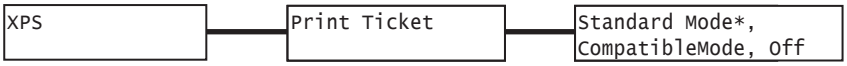
★F


PCL
Paper Tray
Auto*, Tray 1, Bypass Tray
Output Size
A4*, A5, B5, 8.5 x 11", 8.5 x 13", 8.5 x 14", 7.25 x 10.5", Env 3.9 x 7.5", Env 110 x 220mm, Env 162 x 229mm, Env 4.1 x 9.5"
Custom Size
Length Y
xxxmm*
Width X
xxxmm*
Orientation
Portrait*, Landscape
2 Sided
2 Sided Print
Off*, On
Binding Edge
Long Edge Flip*, Short Edge Flip
Font
Courier*
Select from 81 fonts
Symbol Set
Roman-8*
Select from 36 sets
Font Size
12.00*
4.00 - 50.00 (increment: 0.25 pt)
Font Pitch
10.00*
6.00 - 24.00 (increment: 0.01 cpi)
Form Lines
64*
5 - 128 (increment: 1)
Quantity
1*
1 - 999 (increment: 1)
Image Enhance
On*, Off
HexDump
Disable*, Enable
Draft Mode
Disable*, Enable
Line Termination
Off*, Add-LF, Add-CR, CR-XX
Output Color
Black*, Color

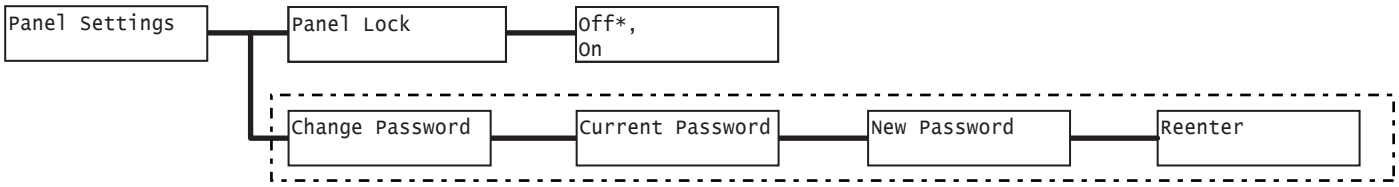
★G


PostScript
PS Error Report
On*, Off
PS Job Time-out
Off*, xx Minutes
1 - 900 Minutes (increment: 1 min.)
Init PS Disk
Ready to Init
PaperSelect Mode
Auto*, Select FromTray
Default Color
Color*, Black

★H

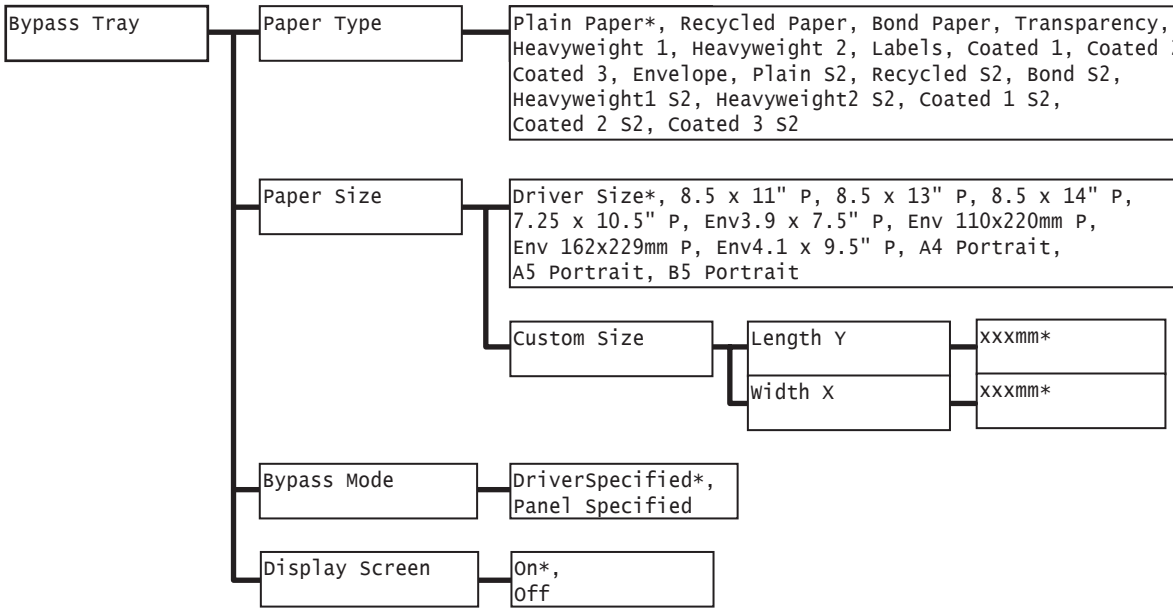


★I

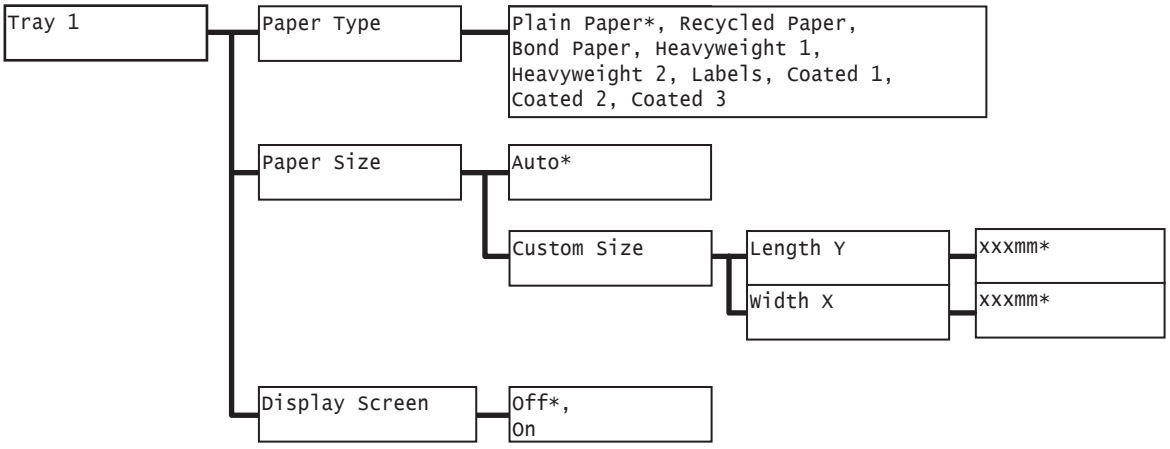


These items appear only when [Panel Lock] is [On].

★J


Bypass Tray
Paper Type
Plain Paper*, Recycled Paper, Bond Paper, Transparency,
Heavyweight 1, Heavyweight 2, Labels, Coated 1, Coated 2,
Coated 3, Envelope, Plain S2, Recycled S2, Bond S2,
Heavyweight1 S2, Heavyweight2 S2, Coated 1 S2,
Coated 2 S2, Coated 3 S2
Paper Size
Driver Size*, 8.5 x 11" P, 8.5 x 13" P, 8.5 x 14" P,
7.25 x 10.5" P, Env3.9 x 7.5" P, Env 110x220mm P,
Env 162x229mm P, Env4.1 x 9.5" P, A4 Portrait,
A5 Portrait, B5 Portrait
Custom Size
Length Y
xxxmm*
Width X
xxxmm*
Bypass Mode
DriverSpecified*,
Panel Specified
Display Screen
On*,
Off

★K



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